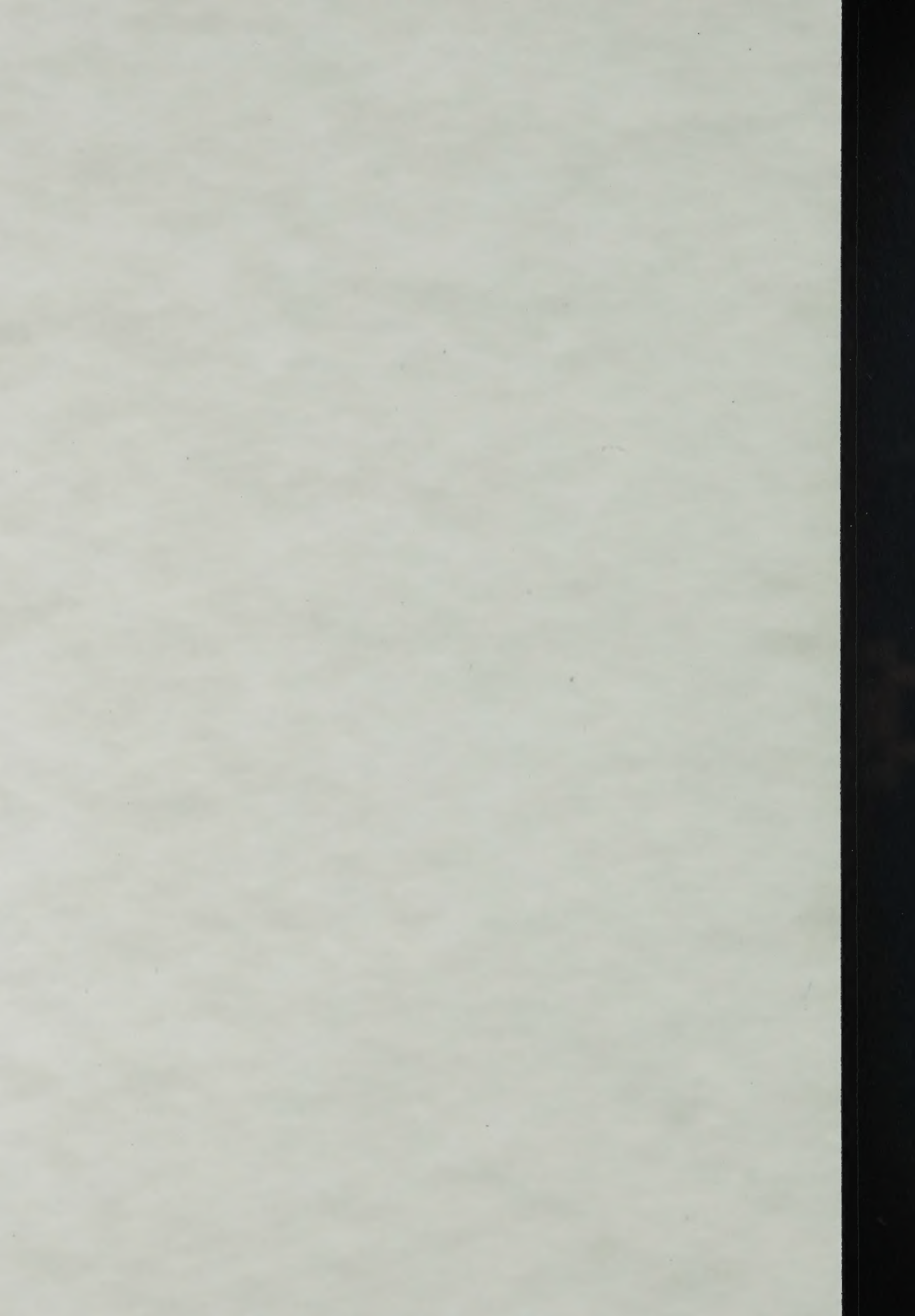



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INDUSTRY TREND SERIES 1

U.S. DEPARTMENT OF COMMERCE
Business and Defense Services Administration

FOOD & TOBACCO MANUFACTURING

BDSA

INDUSTRY TREND SERIES 1



U.S. DEPARTMENT OF COMMERCE
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BUSINESS AND DEFENSE SERVICES
ADMINISTRATION
Rodney L. Borum, Administrator

OCTOBER 1968

Foreword

Food and Tobacco Manufacturing presents a statistical picture of economic developments in the food and tobacco industries in the United States, along with some comparable data for all manufacturing, for the period 1958 to 1966. Data are from the Bureau of the Census and the Office of Business Economics.

The publication consists of: A descriptive introduction covering each of the two industry groups; two series of tables presenting basic statistical data for these industries; and an appendix that provides detailed descriptions of industries covered and explanatory notes on the sources and use of the data.

The statistical data are presented in two parts. Section I data show the size and growth of the food and tobacco industries in relation to all manufacturing and to the largest and fastest-growing manufacturing industries. Section II provides more detailed profiles of food and tobacco manufacturing, including data on geographic distribution, inputs and outputs, product shipments and growth rates, and foreign trade.

The Office of Industrial Analysis and Business Programs of BDSA under Davis A. Portner, Assistant Administrator, and Thomas E. Murphy was responsible for the overall planning and preparation of the volume. Narrative and statistical materials were prepared under the supervision of David N. Cohen, Director; Richard W. Heimlich, and John C. Bratland of the Statistical Operations and Analysis Staff, with the cooperation of the Automatic Data Processing Division, Raymond J. Long, Director, Robert L. Kraft, and Frank Jaffe.

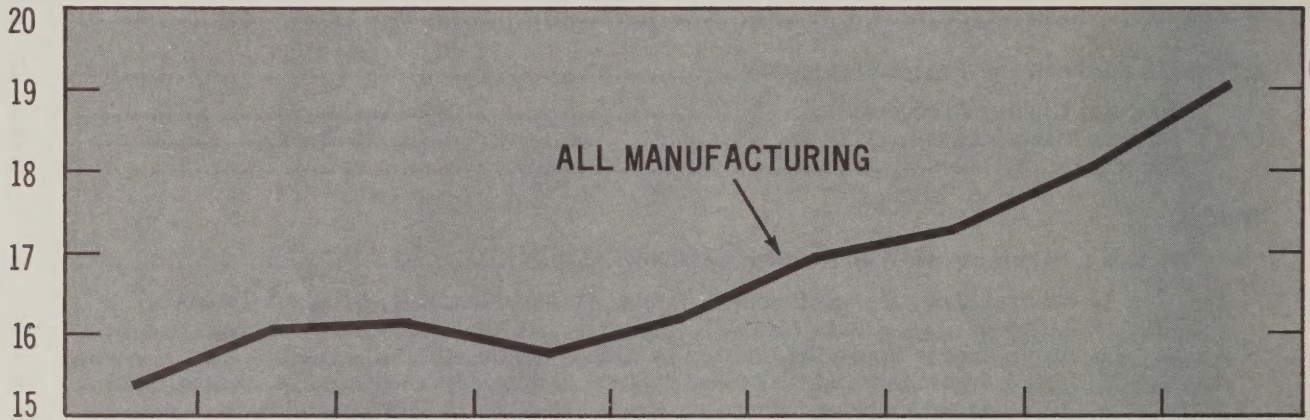
Rodney L. Borum, Administrator
Business and Defense Services Administration

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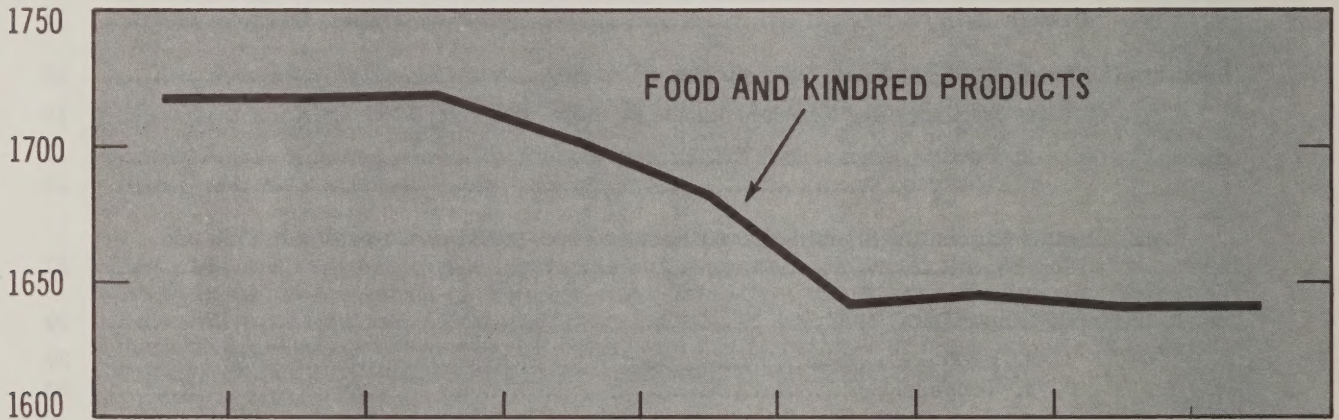
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EMPLOYMENT IN ALL MANUFACTURING VS. FOOD AND TOBACCO MANUFACTURING, 1958-1966

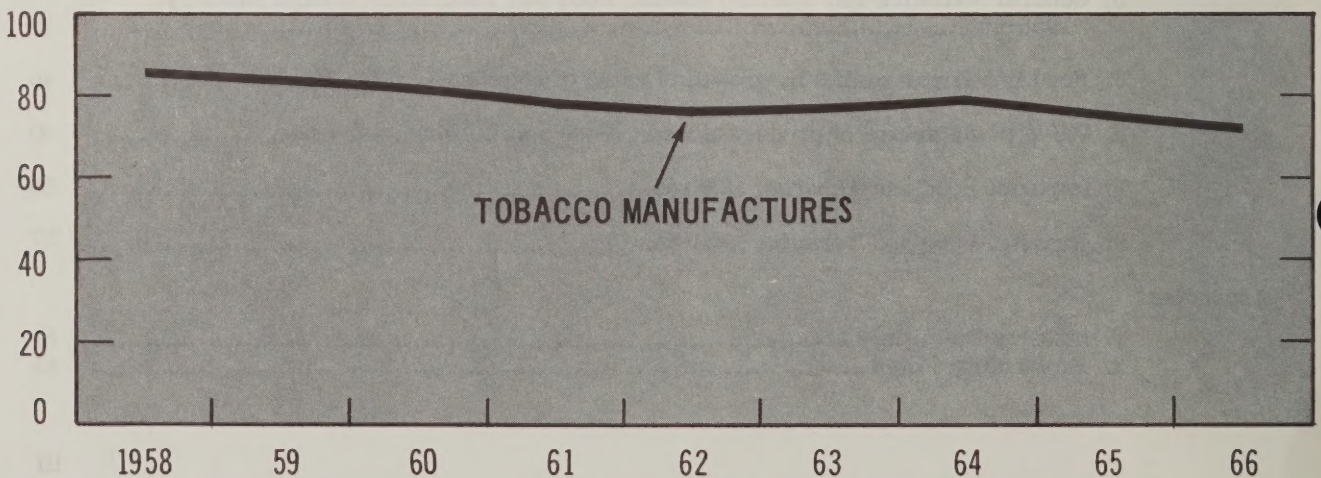
Millions



Thousands



Thousands



TRENDS IN THE FOOD AND TOBACCO INDUSTRIES

Food and Kindred Products

Place in Economy

Despite steadily increasing demand for its products—reflecting rises in population and personal income—the food and kindred products industry, SIC Major Group 20, is declining in terms of its relative share of total consumption expenditures. The proportion of disposable income spent on food and kindred products decreased from 24% in 1958 to about 21% in 1966.

Gross shipments of the food industries rose a third, from about \$60 billion in 1958 to about \$80 billion in 1966,¹ compared with a two-thirds gain for all manufacturing. Value of shipments for some of the individual industries within the group, such as flavorings, natural and process cheese, and bottled and canned soft drinks, grew more rapidly than the average for all manufacturing. However, a majority of the industries within the food and kindred products groups lagged behind the growth rate in value of shipments of all manufacturing, and showed declines in employment.

A contrast can be drawn between the food industry group and all manufacturing by measuring the net changes in total employment and value added for the 9-year period 1958-66. Employment decreased nearly 5% in food and kindred products while employment in all manufacturing increased nearly 29%. As the food industries are becoming ever more mechanized, while the demand for foods has risen only gradually, fewer workers are required to meet production needs.

The food and kindred products industries provided 11% of all factory jobs in 1958 but only 8% in 1966. While the food and kindred products industries generated a 41% increase in value added over the 9-year period, all manufacturing value added increased by nearly 78%. Value added for the food group was nearly 13% of all manufacturing value added in 1958 but only about 10% in 1966.

This decrease is a reflection of a rising standard of living in the United States, as a result of which a declining share of the consumer dollar is spent on food products and an increasing share is spent on goods and services that are demanded to a lesser extent at lower income levels.

The change in the relative position of the food industry group within the whole economy can be further observed by a comparison of the food and kindred products group with other major industry

groups within the manufacturing sector. In 1958, the food industry group led all other major industry groups in both total employment with 1.7 million, and value added, with \$17.7 billion. By 1966, however, the food group was employing 1.6 million workers, nearly 100,000 fewer than in 1958 and had been surpassed in total employment by three other industry groups—transportation equipment (SIC 37), electrical equipment (SIC 36), and machinery (SIC 35), each employing over 1.8 million people. By 1966, the food group had also ceded its leading position in value added to the transportation equipment and nonelectrical machinery groups.

Growth and Size of Food Industries

Of the individual industries in the food and kindred products group, only two experienced average annual growth rates in total employment greater than the 2.7% annual growth rate for all manufacturing. Frozen fruits and vegetables (SIC 2037) increased its total employment at an average rate of nearly 6% per year from 1958 through 1966 as the demand for "convenience" foods became more widespread. This is the only food industry to appear on the list of 50 fastest-growing manufacturing industries during that period (Section I, table 5). Dehydrated food products (SIC 2034) increased total employment by an average 3.6% per year between 1958 and 1966, but accounted for less than 1% of total employment within the major industry group.

Between 1958 and 1966, only nine of the 44 food industries had an average annual increase in value added equal to or greater than the rate of 7.5% for all manufacturing. These industries and their rates of increase are as follows:

| SIC | Description | Percent average annual growth in value added, 1958-66 |
|------|-------------------------------------|---|
| 2087 | Flavorings | 10.5 |
| 2034 | Dehydrated food products.. | 10.0 |
| 2037 | Frozen fruits and vegetables..... | 9.7 |
| 2032 | Canned specialties..... | 8.3 |
| 2022 | Natural and process cheese..... | 8.0 |
| 2036 | Fresh and frozen packaged fish..... | 7.8 |
| 2043 | Cereal preparations..... | 7.8 |
| 2015 | Poultry dressing plants | 7.6 |
| 2061 | Raw cane sugar..... | 7.5 |

¹All percentage changes for value added and value of shipments are expressed in terms of current or undeflated prices. See Appendix 2 for explanation of data limitations.

These nine industries accounted for about 14% of total value added by the food and kindred products group of industries in 1966.

In 1966 the three largest food industries in terms of employment and value added were: meat packing plants (SIC 2011), fluid milk (SIC 2026), and bread and related products (SIC 2051). Bakeries had the largest share of total employment in the industry group, with over 14%. Meat packing plants and fluid milk ranked second and third, with percentages of 10.6 and 10.3. Bakeries also ranked first in terms of value added, with 10.7% of total value added within the industry group. Fluid milk and meat packing plants were second and third, with 9% and 8%, respectively.

Geographic Dispersion of Employment

Food plants are widely dispersed over the United States; however, certain areas account for considerably more food production than others. The tabulation below, based on the 1963 *Census of Manufactures*, shows a percentage distribution of food employment by area, a percentage distribution of all manufacturing employment by area, and a percentage comparison of food employment and all manufacturing employment within each area.

| U.S. area | Employment | | |
|---------------------------|--|---|--|
| | Food (Major Group 20) (percent of total) | All manufacturing (percent of total) | Food (Major Group 20) as percent of all manufacturing |
| New England..... | 4.6 | 8.4 | 5.3 |
| Middle Atlantic..... | 18.1 | 24.0 | 7.3 |
| East North Central..... | 21.2 | 26.4 | 7.8 |
| West North Central..... | 12.5 | 6.0 | 20.3 |
| South Atlantic..... | 12.9 | 12.5 | 9.9 |
| East South Central..... | 5.6 | 5.2 | 10.3 |
| West South Central..... | 8.3 | 5.1 | 15.8 |
| Mountain..... | 3.2 | 1.7 | 18.7 |
| Pacific..... | 13.4 | 10.6 | 12.4 |
| United States, total..... | 100.0 | 100.0 | 9.7 |

This table underscores the fact that although food is manufactured or processed all over the United States, its relative importance within any given area depends upon the level of industrialization within that area.

Foreign Trade

Foreign trade is important to the U.S. food industries. Imports of foreign commodities not domestically produced provide the basis for a large

part of the total business of the industry. These commodities include coffee, cocoa, coconut, chicle, tuna fish and pepper. U.S. food industries, on the other hand, export processed products in great volume, including flour; animal and vegetable fats and oils; meat and meat preparations; dry milk; and canned and processed fruits and vegetables.

U.S. imports of food and kindred products increased from \$1.6 billion in 1958 to \$2.1 billion in 1966, while exports of food products increased from \$1.3 billion to \$2.2 billion in the same period.

Tobacco Manufactures

Tobacco manufactures, SIC Major Group 21, include the industries that produce cigarettes, cigars, chewing and smoking tobacco, and tobacco stemming and redrying. The entire group accounts for less than 1% of total value added by all manufacturing industries in the United States.

Of the four industries in this group, cigarette manufacturing leads with nearly 80% of total value

added for the industry group in 1966, compared with 75% in 1958. Although employment in the group as a whole declined from 85,000 in 1958 to 72,000 in 1966, cigarette industry employment increased from 34,000 to 36,000. The cigarette industry is not only the largest of the four within the tobacco manufacture group in terms of employment and value added, but has also been the

fastest growing, with an average annual growth rate of 4.3% for value added and 3.6% for employment during the period 1958 to 1966.

The tobacco industries account for major portions of manufacturing activity within two states. Tobacco is the second most important industry group in North Carolina, accounting for 16% of value added by all manufacturing activity in the State, and employing 26,000 people, or 5% of total factory workers in the State, in over 50 establishments. The industry group is third most impor-

tant in Virginia in terms of value added by manufacture, accounting for 9% of all manufacturing activity, and employing over 13,000 people, or about 4% of the total engaged in manufacturing, in 32 establishments.

North Carolina and Virginia lead the rest of the nation in total cigarette production, with shares of about 60 and 20% respectively.

In the production of cigars, Pennsylvania and Florida are first and second, with shares of about 40 and 20%.

Description of Tables

Section I—Comparison With All Manufacturing

This section presents data that permit comparison of the food and tobacco industries with all manufacturing and with other manufacturing areas. There are seven tables.

Table I-1 presents general profiles of all manufacturing and of the two industry groups, SIC 20 and SIC 21 for the period 1958 to 1966. The table shows 13 basic data series relating to employment, payrolls, man-hours, value added by manufacture, capital expenditures and selected averages and ratios.

Tables I-2 and I-3, respectively, show 50 largest industries in terms of shipments and employment in 1966. Tables I-4 and I-5, respectively, show the 50 fastest-growing industries between 1958 and 1966 in terms of shipments and employment. Food and tobacco industries are underscored in each table. The value of shipments used in table I-4 for computing growth ratios between 1958 and 1966 is not adjusted for changes in prices and product mix. Industries that have experienced decreases or rapid increases in prices during this period may be substantially under- or overstated in terms of their growth relative to other industries. Also, data for industries that have undergone substantial changes in product mix due to technological changes, materials substitutions or similar factors, may be somewhat distorted.

Tables I-6 and I-7 trace product shipments for the 100 fastest-growing product groups and the 200 fastest-growing product classes, respectively. Once again, food and tobacco products are underscored. The product groups and classes are ranked according to 1966/1958 growth ratios. As with the industry growth ratios described above, the growth ratios shown for product shipments have not been adjusted for changes in price or product mix. Also, certain adjustments have been made in order to derive comparable data for the 9-year period.

For cases in which more detailed product classes have been established since 1958, data for the more detailed classes have been regrouped with the previous class designation. Another ad-

justment is made for products primary to more than one industry. In these cases, the combined total is shown in the four-digit product group in which the largest proportion of the total is produced.

See Appendix 2 for a more detailed explanation of these adjustments and more detailed definitions of terms used in Section I.

Section II—Profiles of Food and Tobacco Manufacturing

This section presents detailed data on the food and tobacco industries.

Table II-1a presents food and kindred products industry group data by state for the years 1958 and 1963 through 1965. Shipments data have been excluded because of the duplication in counting resulting from intermediate shipments between industries. Table II-1b presents similar data for tobacco manufacturers.

In table II-2 capital expenditures are shown by state for the major industry groups 20 and 21. Data for 1958 and 1963-65 are presented with totals shown for the 3-year period 1963-65, and two selected ratios relating capital expenditures (1) to value added and (2) to production workers.

Tables II-3a and II-3b show the structural relationship between the two-digit industry groups 20 and 21 and the rest of the economy in terms of a percentage breakdown of sales made by the industry group to other industries and final consumers, and purchases from other industries made by the industry group.

Table II-4 shows the number of companies as well as the total number of establishments and those with 20 or more employees in the year 1963 for each four-digit industry. These data were compiled from 1963 *Census of Manufactures* volumes.

Table II-5 presents general statistics and selected ratios for the four-digit industries included in major industry groups 20 and 21.

Table II-6 ranks all food manufacturing industries by growth in value of shipments between 1958 and 1966. The same cautions given with re-

spect to table I-4 should be heeded in using this table.

Table II-7 includes product shipments data and growth ratios for all four-digit product groups and five-digit product classes within the 20 and 21 grouping. The same limitations that applied to the product shipments data of Section I also apply here; growth ratios have not been adjusted for changes in price or product mix. And, as noted above and explained in Appendix 2, certain adjustments have been made in the groupings and classes to derive comparable data for the 9-year period.

Tables II-8 and 9 cover import and export data for the two-digit industry groups and all four-digit product groups and five-digit product classes for which import and export data are available. These data are derived from a Census Bureau program to regroup these statistics along Standard Industrial Classification lines to make them more comparable to domestic data published by the Census Bureau.

For more detailed explanations of terms and methods used in compiling Section II tables, refer to Appendix 2.

Symbols

The key to symbols used in the tables is as follows:

| | |
|--------|--|
| n.a. | Not available. |
| n.c. | Not computed. |
| n.s.k. | Not specified by kind. |
| n.e.c. | Not elsewhere classified. |
| * | Standard error of estimate of 15% or more. |
| ** | Data not shown because four-digit group includes one or more products primary to more than one industry. |
| -- | Data for this product class which is primary to more than one industry, have been aggregated with data for the other product classes of the same definition (see product description for reference). |
| Z | Less than \$500,000. |

Section I.—Comparison With All Manufacturing

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, FOOD AND TOBACCO, 1958-66

| Year | ALL MANUFACTURING | | | | | | |
|-----------|--------------------|-------------------------------|--------------------|----------------------|-----------------------------|-----------------------------------|--|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 15,393.8 | 73,749.7 | 11,644.2 | 22,632.6 | 49,503.8 | 141,270.3 | 9,075.8 |
| 1959..... | 16,058.7 | 81,148.4 | 12,260.4 | 24,432.5 | 54,658.7 | 160,991.6 | 9,012.3 |
| 1960..... | 16,124.1 | 83,547.2 | 12,179.0 | 24,135.8 | 55,452.1 | 163,230.8 | 9,968.1 |
| 1961..... | 15,744.9 | 83,692.4 | 11,794.5 | 23,325.9 | 54,803.2 | 164,614.0 | 9,415.9 |
| 1962..... | 16,174.8 | 89,926.8 | 12,138.8 | 24,306.9 | 59,176.8 | 179,322.8 | 9,983.9 |
| 1963..... | 16,961.9 | 99,714.3 | 12,232.4 | 24,512.0 | 62,014.4 | 191,911.3 | 11,397.3 |
| 1964..... | 17,268.5 | 106,048.1 | 12,403.3 | 25,245.5 | 65,838.9 | 206,193.6 | 13,287.2 |
| 1965..... | 18,047.6 | 114,143.2 | 13,058.8 | 26,577.5 | 71,376.3 | 226,974.5 | 16,606.6 |
| 1966..... | 19,066.0 | 125,458.8 | 13,810.4 | 28,220.3 | 78,283.4 | 251,013.9 | 20,234.3 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|--------------------------------|---------------------------------------|---|---|--|--|
| 1958..... | 4,791 | 4,251 | 12,132 | 2.854 | 2.187 | 1,944 |
| 1959..... | 5,053 | 4,458 | 13,131 | 2.945 | 2.237 | 1,993 |
| 1960..... | 5,182 | 4,553 | 13,403 | 2.944 | 2.298 | 1,982 |
| 1961..... | 5,316 | 4,646 | 13,957 | 3.004 | 2.349 | 1,978 |
| 1962..... | 5,560 | 4,875 | 14,773 | 3.030 | 2.435 | 2,002 |
| 1963..... | 5,879 | 5,070 | 15,689 | 3.095 | 2.530 | 2,004 |
| 1964..... | 6,141 | 5,308 | 16,624 | 3.132 | 2.608 | 2,035 |
| 1965..... | 6,325 | 5,466 | 17,381 | 3.180 | 2.686 | 2,035 |
| 1966..... | 6,580 | 5,668 | 18,176 | 3.206 | 2.774 | 2,043 |

| Year | FOOD AND KINDRED PRODUCTS, SIC 20 | | | | | | |
|-----------|-----------------------------------|-------------------------------|--------------------|----------------------|-----------------------------|-----------------------------------|--|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 1,718.1 | 7,662.3 | 1,152.8 | 2,309.6 | 4,548.9 | 17,700.9 | 1,021.2 |
| 1959..... | 1,717.5 | 7,910.1 | 1,154.6 | 2,345.4 | 4,702.1 | 18,646.2 | 1,078.1 |
| 1960..... | 1,719.3 | 8,210.4 | 1,154.5 | 2,347.7 | 4,856.9 | 19,753.2 | 1,034.1 |
| 1961..... | 1,701.6 | 8,362.8 | 1,138.2 | 2,317.3 | 4,933.7 | 20,123.9 | 1,044.1 |
| 1962..... | 1,682.7 | 8,592.5 | 1,119.2 | 2,287.2 | 5,059.7 | 20,870.4 | 1,234.5 |
| 1963..... | 1,644.3 | 8,634.7 | 1,098.6 | 2,237.5 | 5,154.2 | 21,610.1 | 1,228.6 |
| 1964..... | 1,646.2 | 9,027.8 | 1,095.4 | 2,269.7 | 5,367.0 | 23,053.2 | 1,412.9 |
| 1965..... | 1,642.1 | 9,168.6 | 1,095.9 | 2,235.0 | 5,450.8 | 23,554.0 | 1,475.6 |
| 1966..... | 1,642.1 | 9,542.1 | 1,097.7 | 2,239.5 | 5,675.9 | 24,895.9 | 1,692.0 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|--------------------------------|---------------------------------------|---|---|--|--|
| 1958..... | 4,436 | 3,946 | 15,355 | 3.891 | 1.970 | 2,003 |
| 1959..... | 4,606 | 4,072 | 16,149 | 3.966 | 2.005 | 2,031 |
| 1960..... | 4,775 | 4,207 | 17,110 | 4.067 | 2.069 | 2,034 |
| 1961..... | 4,915 | 4,335 | 17,680 | 4.079 | 2.129 | 2,036 |
| 1962..... | 5,106 | 4,521 | 18,648 | 4.125 | 2.212 | 2,044 |
| 1963..... | 5,251 | 4,692 | 19,671 | 4.193 | 2.304 | 2,037 |
| 1964..... | 5,484 | 4,900 | 21,045 | 4.295 | 2.365 | 2,072 |
| 1965..... | 5,583 | 4,974 | 21,493 | 4.321 | 2.439 | 2,039 |
| 1966..... | 5,811 | 5,171 | 22,680 | 4.386 | 2.534 | 2,040 |

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, FOOD AND TOBACCO, 1958-66--Con.

| Year | TOBACCO MANUFACTURES, SIC 21 | | | | | | |
|-----------|------------------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 84.5 | 294.7 | 76.3 | 147.0 | 247.8 | 1,413.5 | 48.4 |
| 1959..... | 83.1 | 304.2 | 74.5 | 145.1 | 254.5 | 1,480.4 | 53.0 |
| 1960..... | 81.2 | 312.5 | 72.8 | 141.7 | 258.3 | 1,545.5 | 47.1 |
| 1961..... | 77.5 | 316.5 | 69.0 | 135.0 | 257.8 | 1,589.9 | 49.1 |
| 1962..... | 76.0 | 328.1 | 67.2 | 133.9 | 265.4 | 1,642.0 | 49.2 |
| 1963..... | 77.3 | 330.5 | 68.6 | 132.0 | 271.3 | 1,682.2 | 52.7 |
| 1964..... | 78.8 | 352.9 | 70.2 | 138.3 | 290.7 | 1,772.1 | 58.8 |
| 1965..... | 74.6 | 349.4 | 66.2 | 124.9 | 284.9 | 1,765.7 | 59.2 |
| 1966..... | 72.4 | 356.2 | 64.1 | 122.3 | 289.4 | 1,872.0 | 58.2 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 3,488 | 3,248 | 18,526 | 5.704 | 1.686 | 1,927 |
| 1959..... | 3,661 | 3,416 | 19,871 | 5.817 | 1.754 | 1,948 |
| 1960..... | 3,849 | 3,548 | 21,229 | 5.983 | 1.823 | 1,946 |
| 1961..... | 4,084 | 3,736 | 23,042 | 6.167 | 1.910 | 1,957 |
| 1962..... | 4,317 | 3,949 | 24,435 | 6.187 | 1.982 | 1,993 |
| 1963..... | 4,276 | 3,955 | 24,522 | 6.201 | 2.055 | 1,924 |
| 1964..... | 4,478 | 4,141 | 25,244 | 6.096 | 2.102 | 1,970 |
| 1965..... | 4,684 | 4,304 | 26,672 | 6.198 | 2.281 | 1,887 |
| 1966..... | 4,920 | 4,515 | 29,204 | 6.469 | 2.366 | 1,908 |

Table I-2.--FIFTY LARGEST INDUSTRIES RANKED BY 1966 VALUE OF SHIPMENTS*

| SIC code | Description | 1966 value of shipments (millions of dollars) |
|-------------|---|--|
| 3717 | Motor Vehicles and Parts..... | 45,630 |
| 3312 | Blast Furnaces and Steel Mills..... | 21,193 |
| 2911 | Petroleum Refining..... | 18,742 |
| 2011 | Meat Packing Plants..... | 15,069 |
| 3721 | Aircraft..... | 9,000 |
| 3662 | Radio, TV Communication Equipment..... | 7,563 |
| 2026 | Fluid Milk..... | 7,435 |
| 2818 | Organic Chemicals, n.e.c..... | 6,541 |
| 275X | Commercial Printing Except Engraving..... | 5,994 |
| 2711 | Newspapers..... | 5,520 |
| 2051 | Bread and Related Products..... | 5,007 |
| 3571 | Computing and Related Machines..... | 4,833 |
| 2621 | Paper Mills, Except Building..... | 4,805 |
| 3079 | Plastics Products, n.e.c..... | 4,658 |
| 3722 | Aircraft Engines and Parts..... | 4,572 |
| 2042 | Prepared Animal Feeds..... | 4,438 |
| 2834 | Pharmaceutical Preparations..... | 4,432 |
| 3522 | Farm Machinery and Equipment..... | 4,332 |
| 3651 | Radio and TV Receiving Sets..... | 4,092 |
| 3679 | Electronic Components..... | 4,002 |
| 2819 | Inorganic Chemicals, n.e.c..... | 3,845 |
| 3729 | Aircraft Equipment, n.e.c..... | 3,781 |
| 3531 | Construction Machinery..... | 3,768 |
| 1925 | Complete Guided Missiles..... | 3,767 |
| 3461 | Metal Stampings..... | 3,756 |
| 3011 | Tires and Inner Tubes..... | 3,716 |
| 3357 | Nonferrous Wire Drawing, etc..... | 3,711 |
| 2211 | Weaving Mills, Cotton..... | 3,562 |
| 2821 | Plastics Materials and Resins..... | 3,533 |
| 2421 | Sawmills and Planning Mills..... | 3,391 |
| 3861 | Photographic Equipment..... | 3,286 |
| 2033 | Canned Fruits and Vegetables..... | 3,216 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 3,139 |
| 3352 | Aluminum Rolling and Drawing..... | 3,100 |
| 2850 | Paints and Allied Products..... | 2,970 |
| 282X | Man-Made Fibers..... | 2,916 |
| 2653 | Corrugated Shipping Containers..... | 2,891 |
| 3599 | Miscellaneous Machinery..... | 2,865 |
| 2111 | Cigarettes..... | 2,860 |
| 2631 | Paperboard Mills..... | 2,853 |
| 3351 | Copper Rolling and Drawing..... | 2,846 |
| 2015 | Poultry Dressing Plants..... | 2,754 |
| 2086 | Bottled and Canned Soft Drinks..... | 2,735 |
| 3321 | Gray Iron Foundries..... | 2,728 |
| 2721 | Periodicals..... | 2,718 |
| 3585 | Refrigeration Machinery..... | 2,713 |
| 2082 | Malt Liquors..... | 2,700 |
| 3141 | Footwear, Except Rubber..... | 2,650 |
| 3411 | Metal Cans..... | 2,631 |
| 3441 | Fabricated Structural Steel..... | 2,602 |

*Food and tobacco industries are underscored.

Table I-3.--FIFTY LARGEST INDUSTRIES RANKED BY 1966 EMPLOYMENT*

| SIC code | Description | 1966 employment (thousands) |
|----------|---|-----------------------------|
| 3717 | Motor Vehicles and Parts..... | 799 |
| 3312 | Blast Furnaces and Steel Mills..... | 559 |
| 3662 | Radio, TV Communication Equipment..... | 377 |
| 3721 | Aircraft..... | 357 |
| 2711 | Newspapers..... | 333 |
| 275X | Commercial Printing Except Engraving..... | 326 |
| 3679 | Electronic Components..... | 234 |
| 2051 | Bread and Related Products..... | 232 |
| 3079 | Plastics Products, n.e.c..... | 224 |
| 2211 | Weaving Mills, Cotton..... | 209 |
| 3141 | Footwear, Except Rubber..... | 206 |
| 2421 | Sawmills and Planing Mills..... | 195 |
| 2335 | Dresses, Womens and Misses..... | 192 |
| 3729 | Aircraft Equipment, n.e.c..... | 190 |
| 3722 | Aircraft Engines and Parts..... | 188 |
| 2011 | Meat Packing Plants..... | 174 |
| 2026 | Fluid Milk..... | 169 |
| 3461 | Metal Stampings..... | 164 |
| 3599 | Miscellaneous Machinery..... | 164 |
| 1925 | Complete Guided Missiles..... | 164 |
| 2511 | Wood Furniture Not Upholstered..... | 160 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 144 |
| 3321 | Gray Iron Foundries..... | 141 |
| 3522 | Farm Machinery and Equipment..... | 137 |
| 3571 | Computing and Related Machines..... | 136 |
| 3731 | Ship Building and Repairing..... | 135 |
| 2621 | Paper Mills, Except Building..... | 135 |
| 2311 | Mens and Boys Suits and Coats..... | 134 |
| 3651 | Radio and TV Receiving Sets..... | 130 |
| 3531 | Construction Machinery..... | 121 |
| 3544 | Special Dies and Tools..... | 120 |
| 2086 | Bottled and Canned Soft Drinks..... | 118 |
| 2321 | Mens Dress Shirts and Nightwear..... | 113 |
| 3661 | Telephone and Telegraph Apparatus..... | 113 |
| 3621 | Motors and Generators..... | 112 |
| 2911 | Petroleum Refining..... | 107 |
| 3429 | Hardware, n.e.c..... | 103 |
| 2221 | Weaving Mills, Synthetics..... | 103 |
| 2033 | Canned Fruits and Vegetables..... | 101 |
| 2834 | Pharmaceutical Preparations..... | 98 |
| 3441 | Fabricated Structural Steel..... | 97 |
| 225X | Hosiery..... | 96 |
| 2653 | Corrugated Shipping Containers..... | 96 |
| 2818 | Organic Chemicals, n.e.c..... | 96 |
| 2337 | Womens Suits, Coats and Skirts..... | 95 |
| 282X | Man-Made Fibers..... | 93 |
| 3011 | Tires and Inner Tubes..... | 93 |
| 3494 | Valves and Pipe Fittings..... | 92 |
| 2327 | Separate Trousers..... | 91 |
| 3443 | Boiler Shop Products..... | 91 |

*Food and tobacco industries are underscored.

Table I-4.--FIFTY FASTEST GROWING INDUSTRIES RANKED BY INCREASE IN VALUE OF SHIPMENTS FROM 1958 TO 1966

| SIC code | Title | Value of shipments (millions of dollars) | | Ratio 1966/1958 |
|-------------|--|---|-------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 138 | 803 | 5.80 |
| 3672 | Cathode Ray Picture Tubes..... | 159 | 812 | 5.10 |
| 3674 | Semiconductors..... | 250 | 1,124 | 4.49 |
| 3571 | Computing and Related Machines..... | 1,104 | 4,833 | 4.38 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c..... | 200 | 829 | 4.15 |
| 2272 | Tufted Carpets and Rugs..... | 318 | 1,206 | 3.80 |
| 1951 | Small Arms, 30 mm. and Under..... | 79 | 274 | 3.46 |
| 3679 | Electronic Components..... | 1,195 | 4,002 | 3.35 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 97 | 321 | 3.33 |
| 3831 | Optical Instruments and Lenses..... | 103 | 332 | 3.23 |
| 3392 | Nonferrous Forgings..... | 99 | 311 | 3.16 |
| 3742 | Railroad and Street Cars..... | 562 | 1,696 | 3.02 |
| 3537 | Industrial Trucks and Tractors..... | 369 | 792 | 2.94 |
| 3399 | Primary Metal Industries, n.e.c..... | 141 | 399 | 2.83 |
| 1961 | Small Arms Ammunition..... | 167 | 468 | 2.79 |
| 3841 | Surgical and Medical Instruments..... | 130 | 360 | 2.76 |
| 3861 | Photographic Equipment..... | 1,205 | 3,286 | 2.73 |
| 3953 | Marking Devices..... | 60 | 162 | 2.71 |
| 3541 | Metal-Cutting Machine Tools..... | 680 | 1,826 | 2.69 |
| 3662 | Radio, TV Communications Equipment..... | 2,853 | 7,563 | 2.65 |
| 3651 | Radio and TV Receiving Sets..... | 1,548 | 4,092 | 2.64 |
| 2262 | Finishing Plants, Synthetic..... | 211 | 550 | 2.61 |
| 2519 | Household Furniture, n.e.c..... | 31 | 78 | 2.55 |
| 3622 | Industrial Controls..... | 413 | 1,049 | 2.54 |
| 3357 | Nonferrous Wire Drawing, etc..... | 1,466 | 3,711 | 2.53 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 95 | 240 | 2.53 |
| 2282 | Throwing and Winding Mills..... | 175 | 438 | 2.51 |
| 3799 | Transportation Equipment, n.e.c..... | 93 | 232 | 2.50 |
| 3499 | Fabricated Metal Products, n.e.c..... | 340 | 850 | 2.50 |
| 3079 | Plastics Products, n.e.c..... | 1,868 | 4,658 | 2.49 |
| 2295 | Coated Fabric, Not Rubberized..... | 247 | 595 | 2.41 |
| 3545 | Machine Tool Accessories..... | 511 | 1,230 | 2.41 |
| 3479 | Metal Coating, Engraving, etc..... | 196 | 469 | 2.39 |
| 3715 | Truck Trailers..... | 335 | 796 | 2.38 |
| 3565 | Industrial Patterns..... | 98 | 233 | 2.37 |
| 3536 | Hoists, Cranes and Monorails..... | 185 | 437 | 2.37 |
| 3791 | Trailer Coaches..... | 461 | 1,089 | 2.36 |
| 3341 | Secondary Nonferrous Metals..... | 724 | 1,709 | 2.36 |
| 3351 | Copper Rolling and Drawing..... | 1,210 | 2,846 | 2.35 |
| 2256 | Knit Fabric Mills..... | 487 | 1,144 | 2.35 |
| 3713 | Truck and Bus Bodies..... | 308 | 719 | 2.33 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c.)..... | 245 | 571 | 2.33 |
| 2327 | Separate Trousers..... | 452 | 1,042 | 2.30 |
| 2844 | Toilet Preparations..... | 1,059 | 2,431 | 2.29 |
| 3542 | Metal-Forming Machine Tools..... | 318 | 728 | 2.29 |
| 3559 | Special Industry Machinery, n.e.c..... | 761 | 1,731 | 2.27 |
| 3572 | Typewriters..... | 238 | 534 | 2.24 |
| 3569 | General Industry Machinery, n.e.c..... | 458 | 1,024 | 2.23 |
| 3451 | Metal Coating, Engraving, etc..... | 425 | 949 | 2.23 |
| 3694 | Engine Electrical Equipment..... | 607 | 1,342 | 2.21 |

Table I-5.--FIFTY FASTEST GROWING INDUSTRIES RANKED BY INCREASE IN TOTAL EMPLOYMENT FROM 1958 TO 1966*

| SIC code | Title | Total employment (thousands) | | Ratio 1966/1958 |
|-------------|--|---------------------------------|------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 11 | 42 | 3.75 |
| 3674 | Semiconductors..... | 23 | 82 | 3.52 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c.... | 16 | 46 | 2.98 |
| 3672 | Cathode Ray Picture Tubes..... | 9 | 25 | 2.89 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 3 | 7 | 2.74 |
| 2272 | Tufted Carpets and Rugs..... | 12 | 28 | 2.45 |
| 3662 | Radio, TV Communications Equipment..... | 154 | 377 | 2.44 |
| 3831 | Optical Instruments and Lenses..... | 7 | 17 | 2.43 |
| 3679 | Electronic Components..... | 109 | 234 | 2.15 |
| 1961 | Small Arms Ammunition..... | 9 | 19 | 2.12 |
| 2519 | Household Furniture, n.e.c..... | 2 | 5 | 2.09 |
| 3791 | Trailer Coaches..... | 19 | 39 | 2.06 |
| 3392 | Nonferrous Forgings..... | 5 | 10 | 2.06 |
| 3799 | Transportation Equipment, n.e.c..... | 5 | 9 | 1.99 |
| 3651 | Radio and TV Receiving Sets..... | 67 | 130 | 1.96 |
| 3079 | Plastics Products, n.e.c..... | 116 | 224 | 1.93 |
| 1951 | Small Arms, 30 mm. and Under..... | 8 | 15 | 1.92 |
| 3499 | Fabricated Metal Products, n.e.c..... | 20 | 37 | 1.85 |
| 3399 | Primary Metal Industries, n.e.c..... | 10 | 18 | 1.83 |
| 3742 | Railroad and Street Cars..... | 24 | 44 | 1.80 |
| 3715 | Truck Trailers..... | 16 | 28 | 1.79 |
| 3537 | Industrial Trucks and Tractors..... | 15 | 26 | 1.78 |
| 2327 | Separate Trousers..... | 52 | 91 | 1.76 |
| 2256 | Knit Fabric Mills..... | 18 | 32 | 1.74 |
| 2295 | Coated Fabric, Not Rubberized..... | 10 | 18 | 1.74 |
| 3536 | Hoists, Cranes and Monorails..... | 10 | 16 | 1.73 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c.)..... | 12 | 20 | 1.73 |
| 3841 | Surgical and Medical Instruments..... | 10 | 18 | 1.71 |
| 3622 | Industrial Controls..... | 27 | 46 | 1.69 |
| 3571 | Computing and Related Machines..... | 81 | 136 | 1.68 |
| 2391 | Curtains and Draperies..... | 16 | 27 | 1.63 |
| 3699 | Electrical Products, n.e.c..... | 10 | 17 | 1.62 |
| 3479 | Metal Coating, Engraving, etc..... | 16 | 25 | 1.61 |
| 3953 | Marking Devices..... | 5 | 9 | 1.60 |
| 2843 | Surface Active Agents..... | 3 | 5 | 1.60 |
| 2892 | Explosives..... | 15 | 24 | 1.60 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 5 | 8 | 1.59 |
| 2399 | Textile Products, n.e.c..... | 18 | 28 | 1.58 |
| 3713 | Truck and Bus Bodies..... | 20 | 32 | 1.58 |
| 2037 | Frozen Fruits and Vegetables..... | 40 | 62 | 1.58 |
| 3497 | Metal Foil and Leaf..... | 4 | 5 | 1.56 |
| 2646 | Pressed and Molded Pulp Goods..... | 4 | 7 | 1.56 |
| 3931 | Musical Instruments and Parts..... | 16 | 25 | 1.56 |
| 3316 | Cold Finishing of Steel Shapes..... | 11 | 17 | 1.55 |
| 2339 | Womens Outerwear, n.e.c..... | 44 | 68 | 1.55 |
| 3872 | Watchcases..... | 3 | 4 | 1.54 |
| 2262 | Finishing Plants, Synthetic..... | 16 | 25 | 1.54 |
| 3635 | Household Vacuum Cleaners..... | 5 | 8 | 1.54 |
| 3634 | Electrical Housewares and Fans..... | 29 | 45 | 1.53 |
| 282X | Man-Made Fibers (Includes: 2823 Cellulosic Man-Made Fibers and 2824 Synthetic Organic Fibers, Except Cellulosic)..... | 61 | 93 | 1.52 |

*Food and tobacco industries are underscored.

Table I-6.--ONE HUNDRED FASTEST GROWING PRODUCT GROUPS RANKED BY 1958-66 SHIPMENTS GROWTH*

(NOTE: See introduction for explanation of symbols.)

| Rank | Code | Class of product | Shipments (\$millions) | | Ratio 1966/1958 |
|------|-------|--|------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 3674- | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 2 | 3672- | Cathode Ray Picture Tubes, Inc. Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 3 | 3571- | Computing & Related Machines..... | 1,034 | 4,156 | 4.02 |
| 4 | 3679- | Electronic Components, n.e.c..... | 1,298 | 4,808 | 3.71 |
| 5 | 2272- | Tufted Carpets & Rugs..... | 320 | 1,153 | 3.61 |
| 6 | 3742- | Railroad & Street Cars..... | 529 | 1,658 | 3.14 |
| 7 | 3831- | Optical Instruments & Lenses..... | 115 | 361 | 3.12 |
| 8 | 3841- | Surgical & Medical Instruments..... | 131 | 398 | 3.05 |
| 9 | 1961- | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 10 | 1951- | Small Arms, 30 mm. & Under..... | 86 | 247 | 2.88 |
| 11 | 3541- | Metal-Cutting Machine Tools..... | 587 | 1,639 | 2.79 |
| 12 | 3537- | Industrial Trucks & Tractors..... | 277 | 768 | 2.78 |
| 13 | 3399- | Primary Metal Products n.e.c..... | 150 | 408 | 2.71 |
| 14 | 3715- | Truck Trailers..... | 284 | 770 | 2.71 |
| 15 | 3861- | Photographic Equipment..... | 1,061 | 2,831 | 2.67 |
| 16 | 3651- | Radio & TV Receiving Sets..... | 1,482 | 3,875 | 2.62 |
| 17 | 3799- | Transportation Equipment, n.e.c..... | 100 | 260 | 2.60 |
| 18 | 2824- | Noncellulosic Organic Fibers..... | 748 | 1,939 | 2.59 |
| 19 | 3351- | Copper Rolling & Drawing Products..... | 1,034 | 2,655 | 2.57 |
| 20 | 2282- | Thrown & Wound Yarns, Exc. Wool..... | 199 | 504 | 2.54 |
| 21 | 3499- | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 22 | 3392- | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 23 | 3497- | Metal Foil & Leaf..... | 145 | 368 | 2.53 |
| 24 | 3545- | Machine Tool Accessories..... | 470 | 1,177 | 2.50 |
| 25 | 3479- | Metal Coating, Engraving & Allied Services, n.e.c..... | 184 | 447 | 2.43 |
| 26 | 3542- | Metal-Forming Machine Tools..... | 283 | 680 | 2.41 |
| 27 | 3552- | Textile Machinery..... | 322 | 776 | 2.41 |
| 28 | 1925- | Complete Guided Missiles..... | 1,887 | 4,509 | 2.39 |
| 29 | 2295- | Coated Fabric, Not Rubberized..... | 245 | 582 | 2.37 |
| 30 | 2256- | Knit Fabrics..... | 462 | 1,092 | 2.36 |
| 31 | 3451- | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 32 | 3559- | Special Industry Machines, n.e.c..... | 726 | 1,700 | 2.34 |
| 33 | 3953- | Hand Stamps, Stencils & Other Marking Devices..... | 59 | 137 | 2.33 |
| 34 | 3751- | Bicycles, Motorcycles, Motorbikes, Scooters, & Parts..... | 106 | 245 | 2.31 |
| 35 | 3361- | Aluminum & Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 36 | 3589- | Service Industry Machines, n.e.c..... | 222 | 510 | 2.30 |
| 37 | 3572- | Typewriters & Parts..... | 189 | 432 | 2.29 |
| 38 | 2844- | Toilet Preparations..... | 1,126 | 2,545 | 2.26 |
| 39 | 3713- | Truck & Bus Bodies..... | 275 | 619 | 2.25 |
| 40 | 2655- | Fiber Cans, Tubes, Drums, etc..... | 189 | 424 | 2.24 |
| 41 | 3622- | General Industry Power Circuit Devices & Controls..... | 447 | 1,002 | 2.24 |
| 42 | 3717- | Motor Vehicles & Parts..... | 19,863 | 44,579 | 2.24 |
| 43 | 3322- | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 44 | 3536- | Hoists, Cranes & Monorails..... | 166 | 360 | 2.18 |
| 45 | 3585- | Refrigeration Machinery..... | 1,435 | 3,130 | 2.18 |
| 46 | 3323- | Steel Castings..... | 588 | 1,278 | 2.17 |
| 47 | 3693- | X-Ray Equipment, Inc. X-Ray Tubes & Electrotherapeutic Apparatus..... | 73 | 156 | 2.13 |
| 48 | 2761- | Manifold Business Forms..... | 374 | 794 | 2.12 |
| 49 | 2385- | Raincoats & Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 50 | 2522- | Metal Office Furniture..... | 273 | 572 | 2.09 |
| 51 | 3562- | Ball & Roller Bearings..... | 637 | 1,331 | 2.09 |
| 52 | 2327- | Men's, Youths' & Boys' Separate Trousers, Exc. Work..... | 436 | 906 | 2.08 |
| 53 | 3362- | Copper & Copper-Base Alloy Castings..... | 223 | 464 | 2.08 |
| 54 | 3229- | Pressed & Blown Glass n.e.c..... | 448 | 928 | 2.07 |
| 55 | 2731- | Books, Publishing & Printing..... | 1,011 | 2,081 | 2.06 |

See footnote at end of table.

Table I-6.--ONE HUNDRED FASTEST GROWING PRODUCT GROUPS RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (\$millions) | | Ratio 1966/1958 |
|------|-------|---|------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 56 | 3623- | Electric Welding Apparatus..... | 233 | 481 | 2.06 |
| 57 | 2753- | Engraving & Plate Printing..... | 94 | 192 | 2.05 |
| 58 | 3291- | Abrasive Products..... | 400 | 818 | 2.05 |
| 59 | 3566- | Pewer Transmission Equipment..... | 623 | 1,274 | 2.05 |
| 60 | 3569- | General Industrial Machines, n.e.c..... | 467 | 960 | 2.05 |
| 61 | 3871- | Watches & Clocks..... | 292 | 592 | 2.03 |
| 62 | 3565- | Industrial Patterns, Exc. Shoe..... | 121 | 244 | 2.02 |
| 63 | 3581- | Automatic Vending Machines..... | 131 | 264 | 2.02 |
| 64 | 3911- | Jewelry, Precious Metal..... | 287 | 580 | 2.02 |
| 65 | 2037- | Frozen Fruits, Fruit Juices, Vegetables & Specialties.... | 916 | 1,842 | 2.01 |
| 66 | 2519- | Household Furniture, n.e.c..... | 35 | 71 | 2.01 |
| 67 | 3299- | Other Nonmetallic Mineral Products, n.e.c..... | 54 | 108 | 2.01 |
| 68 | 3369- | Nonferrous castings, n.e.c..... | 233 | 468 | 2.01 |
| 69 | 3555- | Printing Trades Machinery..... | 273 | 550 | 2.01 |
| 70 | 3264- | Porcelain Electrical Supplies..... | 91 | 181 | 1.99 |
| 71 | 3629- | Electric Industrial Goods, n.e.c..... | 213 | 423 | 1.99 |
| 72 | 2752- | Printing, Lithographic..... | 1,366 | 2,702 | 1.98 |
| 73 | 3599- | Carburetors, Pistons, & Other Machine Shop Products..... | 1,118 | 2,217 | 1.98 |
| 74 | 3471- | Electroplating, Plating & Polishing..... | 350 | 688 | 1.97 |
| 75 | 3661- | Telephone & Telegraph Apparatus..... | 1,079 | 2,125 | 1.97 |
| 76 | 2061- | Sugar Cane Mill Products & Byproducts..... | 159 | 310 | 1.96 |
| 77 | 2732- | Book Printing..... | 423 | 828 | 1.96 |
| 78 | 3634- | Electric Housewares & Fans..... | 544 | 1,068 | 1.96 |
| 79 | 3941- | Games & Toys, Exc. Dolls & Children's Vehicles..... | 522 | 1,023 | 1.96 |
| 80 | 2394- | Canvas Products..... | 114 | 223 | 1.95 |
| 81 | 2521- | Wood Office Furniture..... | 71 | 138 | 1.95 |
| 82 | 2879- | Agricultural Pesticides, & Other Agr. Chemicals..... | 348 | 673 | 1.94 |
| 83 | 3692- | Primary Batteries, Dry & Wet..... | 136 | 264 | 1.94 |
| 84 | 2818- | Organic Chemicals, n.e.c..... | 2,787 | 5,366 | 1.93 |
| 85 | 3531- | Construction Machinery..... | 1,996 | 3,829 | 1.92 |
| 86 | 3694- | Engine Electrical Equipment..... | 587 | 1,124 | 1.92 |
| 87 | 2815- | Intermediate Coal Tar Products..... | 788 | 1,509 | 1.91 |
| 88 | 3535- | Conveyors..... | 334 | 639 | 1.91 |
| 89 | 3544- | Special Dies & Tools..... | 1,320 | 2,520 | 1.91 |
| 90 | 2432- | Veneer & Plywood..... | 836 | 1,590 | 1.90 |
| 91 | 3532- | Mining Machinery & Equipment..... | 275 | 524 | 1.90 |
| 92 | 3452- | Bolts, Nuts, Washers & Rivets..... | 859 | 1,623 | 1.89 |
| 93 | 3582- | Commercial Laundry Equipment..... | 107 | 202 | 1.89 |
| 94 | 2087- | Flavorings..... | 523 | 981 | 1.88 |
| 95 | 2645- | Die-Cut Paper & Board..... | 265 | 497 | 1.88 |
| 96 | 2813- | Industrial Gases..... | 263 | 494 | 1.88 |
| 97 | 3576- | Scales & Balances..... | 71 | 134 | 1.88 |
| 98 | 3642- | Lighting Fixtures..... | 765 | 1,438 | 1.88 |
| 99 | 3519- | Internal Combustion Engines..... | 1,133 | 2,114 | 1.87 |
| 100 | 3567- | Industrial Furnaces & Ovens..... | 185 | 347 | 1.87 |

*Food and tobacco products groups are underscoring.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-1966 SHIPMENTS GROWTH*

| Rank | Code | Class of product | Shipments (\$millions) | | Ratio 1966/1958 |
|------|-------|---|------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 38612 | Photocopying, Microfilming, Blueprinting, Vandyke, & White Printing Equipment..... | 58 | 549 | 9.53 |
| 2 | 33992 | Nonferrous Nails, Brads, Tacks & Staples..... | 2 | 19 | 9.26 |
| 3 | 30792 | Foamed Plastic Products..... | 54 | 398 | 7.36 |
| 4 | 35593 | Plastics-Working Machinery & Equipment, Exc. Patterns & Molds..... | 51 | 265 | 5.21 |
| 5 | 24993 | Particle Board..... | 17 | 90 | 5.17 |
| 6 | 3717A | Combat Vehicles & Motor Vehicle & Parts, n.s.k. (Inc. 37174 & 37170)..... | 65 | 317 | 4.86 |
| 7 | 36795 | Other Electronic Components & Accessories, n.e.c..... | 685 | 3,275 | 4.78 |
| 8 | 24324 | Nonwood Face Plywood & Other Plywood Type Products, Except Particleboard..... | 27 | 127 | 4.65 |
| 9 | 36622 | Radio & Television Broadcast Equipment & Closed Circuit Systems..... | 76 | 353 | 4.62 |
| 10 | 37323 | All Other Boats..... | 15 | 70 | 4.53 |
| 11 | 36740 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 12 | 36720 | Cathode Ray Picture Tubes, Inc. Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 13 | 24992 | Pallets & Skids..... | 43 | 188 | 4.35 |
| 14 | 38618 | Prepared Photographic Chemicals..... | 36 | 153 | 4.26 |
| 15 | 35485 | Other Metalworking Machinery..... | 18 | 67 | 3.80 |
| 16 | 37991 | Automobile Trailers, Exc. Housing Type Coaches..... | 23 | 86 | 3.80 |
| 17 | 34913 | All Other Barrels, Inc. Beer Barrels & Fluid Milk Ship- ping Containers..... | 15 | *54 | *3.70 |
| 18 | 35412 | Drilling Machines..... | 30 | 111 | 3.68 |
| 19 | 22720 | Tufted Carpets & Rugs..... | 320 | 1,153 | 3.61 |
| 20 | 2221V | Finished Man-Made Fiber & Silk Broad-Woven Fabrics (Inc. 22218 & 22628)..... | 158 | 550 | 3.49 |
| 21 | 22533 | All Other Knit Outerwear Products, n.e.c..... | 69 | 239 | 3.48 |
| 22 | 36621 | Commercial, Industrial, & Military Electronic Communica- tion Equipment..... | 416 | 1,446 | 3.48 |
| 23 | 35422 | Presses, Inc. Forging Presses..... | 77 | 266 | 3.47 |
| 24 | 36793 | Resistors for Electronic Applications..... | 147 | 493 | 3.36 |
| 25 | 37314 | Ship Repair, U.S. Military..... | 124 | 413 | 3.33 |
| 26 | 28442 | Perfumes, Toilet Water, & Colognes..... | 103 | 341 | 3.29 |
| 27 | 34944 | Other Valves & Fittings, Exc. Plumbers' Brass Goods & Fittings..... | 152 | 494 | 3.26 |
| 28 | 35418 | Other Machine Tools (Inc. Those Designed for Home, Work- shops, Laboratories, etc.)..... | 98 | 320 | 3.26 |
| 29 | 36512 | Household Television Receivers, Inc. Television Combinations..... | 727 | 2,357 | 3.24 |
| 30 | 33991 | Metal Powders & Paste..... | 55 | 178 | 3.23 |
| 31 | 3742A | Freight Train Cars, New Street Cars, & Parts (Inc. 37422 & 37423)..... | 516 | 1,649 | 3.20 |
| 32 | 35592 | Foundry Machinery & Equipment, Exc. Patterns & Molds..... | 53 | 168 | 3.19 |
| 33 | 27521 | Magazines & Periodicals..... | 66 | 210 | 3.17 |
| 34 | 35521 | Textile Machinery..... | 144 | 451 | 3.14 |
| 35 | 27523 | Catalogs & Directories..... | 76 | 233 | 3.09 |
| 36 | 35415 | Lathes, Metal Cutting..... | 99 | 303 | 3.07 |
| 37 | 38410 | Surgical & Medical Instruments..... | 131 | 398 | 3.05 |
| 38 | 2282A | Thrown & Textured, Crimped or Bulked Filament Yarns, Inc. Stretch Yarns (Inc. 22823 & 22824)..... | 121 | 368 | 3.04 |
| 39 | 28184 | Pesticides & Other Organic Agricultural Chemicals (Not Formulations)..... | 96 | 293 | 3.04 |
| 40 | 37413 | Parts for Locomotives & Rebuilt Locomotives..... | 135 | 407 | 3.01 |
| 41 | 19610 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 42 | 27527 | Lithographic Plates Made for Others..... | 68 | 203 | 2.99 |
| 43 | 33511 | Copper & Copper-Base Alloy Wire (Bare & Tinned) for Purposes Other Than Electrical Transmission..... | 48 | 143 | 2.98 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-1966 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (\$millions) | | Ratio 1966/1958 |
|------|-------|---|------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 44 | 35419 | Parts for Metal Cutting Type Machine Tools Sold Separately & Rebuilt Machine Tools..... | 89 | 260 | 2.93 |
| 45 | 23963 | Other Trimmings & Findings..... | 56 | 163 | 2.92 |
| 46 | 33572 | Copper & Copper-Base Alloy Wire (Inc. Strand & Cable) Bare & Tinned, for Electrical Transmission..... | 156 | 454 | 2.90 |
| 47 | 27321 | Book & Pamphlet Printing & Book Binding (Lithographic Process)..... | 168 | 484 | 2.89 |
| 48 | 19510 | Small Arms, 30 MM & Under..... | 86 | 247 | 2.88 |
| 49 | 28423 | Specialty Cleaning & Sanitation Products..... | 181 | 520 | 2.86 |
| 50 | 36941 | Ignition Harness & Cable Sets..... | 29 | 82 | 2.83 |
| 51 | 23962 | Automobile & Furniture Trimmings..... | 161 | 450 | 2.80 |
| 52 | 39314 | Other Musical Instruments & Parts..... | 48 | 134 | 2.79 |
| 53 | 35370 | Industrial Trucks & Tractors..... | 277 | 768 | 2.78 |
| 54 | 27311 | Textbooks..... | 282 | 779 | 2.77 |
| 55 | 35612 | Hydraulic Fluid Power Pumps & Motors & Vacuum Pumps..... | 77 | 212 | 2.76 |
| 56 | 22311 | Finished Wool Yarn, Tops, or Raw Stock not Spun or Combed at Same Establishment..... | 27 | 75 | 2.75 |
| 57 | 24323 | Softwood Plywood, Exterior Type..... | 127 | 347 | 2.74 |
| 58 | 35414 | Grinding & Polishing Machines (Exc. Gear Tooth Grinding, Honing, Lapping, Polishing & Buffing Machines)..... | 89 | 245 | 2.74 |
| 59 | 37321 | Inboard Motor Boats..... | 76 | 208 | 2.74 |
| 60 | 36231 | Arc Welding Machines, Components, & Accessories, Exc. Electrodes..... | 66 | 179 | 2.72 |
| 61 | 3452A | Special Industrial Fasteners & Headed Products (Produced By Cold & Hot Heading Other Than Industrial Fasteners) (Inc. 34522 & 34523)..... | 179 | 486 | 2.71 |
| 62 | 37150 | Truck Trailers..... | 284 | 770 | 2.71 |
| 63 | 22952 | Resin-Coated Fabrics..... | 121 | 325 | 2.69 |
| 64 | 35361 | Hoists..... | 59 | 159 | 2.68 |
| 65 | 35623 | Mounted Bearings..... | 35 | 94 | 2.67 |
| 66 | 35893 | Commercial & Industrial Vacuum Cleaners, Inc. Parts & Attachments..... | 13 | *34 | *2.67 |
| 67 | 36624 | Electronic Navigational Aids (Exc. Missile Borne & Space Vehicle Borne Equipment)..... | 426 | 1,135 | 2.67 |
| 68 | 28134 | Elemental Gases & Compressed & Liquified Gases, n.e.c.... | 130 | 345 | 2.65 |
| 69 | 35413 | Gear Cutting & Finishing Machines..... | 23 | 60 | 2.64 |
| 70 | 20373 | Frozen Prepared Foods & Soups..... | 319 | 838 | 2.63 |
| 71 | 32292 | Lighting & Electronic Glassware..... | 143 | 375 | 2.62 |
| 72 | 35451 | Small Cutting Tools for Machine Tools & Metalworking Machinery..... | 301 | 788 | 2.62 |
| 73 | 36792 | Capacitors for Electronic Applications..... | 184 | 478 | 2.60 |
| 74 | 32911 | Nonmetallic Artificial Sized Grains, Powders & Flour Abrasives..... | 39 | 101 | 2.59 |
| 75 | 33574 | Communication Wire & Cable..... | 365 | 948 | 2.59 |
| 76 | 33524 | Rolled Aluminum Rod, Bar, & Structural Shapes..... | 111 | 282 | 2.56 |
| 77 | 33512 | Rolled, Drawn, & Extruded Copper & Copper-Base Alloy Mill Products..... | 987 | 2,513 | 2.55 |
| 78 | 34990 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 79 | 26414 | Pressure Sensitive Tape..... | 183 | 465 | 2.53 |
| 80 | 33920 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 81 | 34970 | Metal Foil & Leaf..... | 145 | 368 | 2.53 |
| 82 | 35851 | Heat Transfer Equipment..... | 716 | 1,808 | 2.53 |
| 83 | 38611 | Still Picture Equipment..... | 179 | 454 | 2.53 |
| 84 | 32293 | Glass Fiber..... | 60 | 150 | 2.52 |
| 85 | 36794 | Coils, Transformers, Reactors, & Chokes for Electronic Applications..... | 192 | 484 | 2.52 |
| 86 | 36293 | Other Electrical Equipment for Industrial Use..... | 77 | 193 | 2.51 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-1966 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (\$millions) | | Ratio 1966/1958 |
|------|-------|---|------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 87 | 33577 | Magnet Wire..... | 183 | 458 | 2.50 |
| 88 | 26552 | Fiber Cans, Tubes & Other Fiber Products..... | 134 | 333 | 2.49 |
| 89 | 25111 | Radio, Phonograph, & Television Wood Cabinets..... | 114 | 283 | 2.48 |
| 90 | 25224 | Other Metal Office Furniture Inc. Tables, Stands, etc.... | 34 | 85 | 2.48 |
| 91 | 34613 | Job Stampings, Automotive..... | 551 | 1,369 | 2.48 |
| 92 | 36214 | Prime Mover Generator Sets Exc. Steam or Hydraulic Turbine..... | 74 | 182 | 2.47 |
| 93 | 38423 | Personal Industrial Safety Devices..... | 56 | 139 | 2.47 |
| 94 | 26416 | Other Coated & Processed Paper, Except Wrappers..... | 135 | 332 | 2.46 |
| 95 | 35483 | Acetylene Welding & Cutting Apparatus..... | 38 | 94 | 2.46 |
| 96 | 36134 | Fuses & Fuse Equipment, Under 2,300 Volts..... | 31 | 76 | 2.46 |
| 97 | 28518 | Putty, Caulking Compounds & Allied Products..... | 65 | 160 | 2.45 |
| 98 | 20372 | Frozen Vegetables..... | 231 | 565 | 2.44 |
| 99 | 22562 | Circular Knit Fabrics..... | 245 | 598 | 2.44 |
| 100 | 27524 | Financial & Legal Printing..... | 50 | 122 | 2.43 |
| 101 | 34790 | Metal Coating, Engraving & Allied Services, n.e.c..... | 184 | 447 | 2.43 |
| 102 | 38615 | Photographic Sensitized Film & Plates..... | 396 | 960 | 2.43 |
| 103 | 20515 | Pastries & Cookies..... | 40 | 97 | 2.42 |
| 104 | 24262 | Hardwood Dimension Stock, Furniture Parts, & Vehicle Stock..... | 103 | 248 | 2.41 |
| 105 | 28443 | Hair Preparations (Inc. Shampoos)..... | 316 | 761 | 2.41 |
| 106 | 36511 | Household & Automobile Radios, & Radio-Phonograph Com- binations..... | 345 | 830 | 2.41 |
| 107 | 37172 | Truck Tractors, Truck Chassis & Trucks (Chassis of Own Manufacture)..... | 1,934 | 4,656 | 2.41 |
| 108 | 26462 | Other Pressed & Molded Pulp Goods..... | 51 | 122 | 2.40 |
| 109 | 27611 | Continuous Business Forms..... | 169 | 407 | 2.40 |
| 110 | 35453 | Other Attachments & Accessories for Machine Tools & Metalworking Machinery..... | 96 | 231 | 2.40 |
| 111 | 35857 | Other Refrigeration & Air Conditioning Equipment..... | 195 | 469 | 2.40 |
| 112 | 1925A | R & D on Guided Missiles & Space Vehicles & All Other Serv. on Complete Missiles & Space Vehicles (Inc. 19253 & 19255)..... | 986 | 2,353 | 2.39 |
| 113 | 19251 | Guided Missiles & Space Vehicles, Completed..... | 901 | 2,156 | 2.39 |
| 114 | 25222 | Desks, Metal..... | 66 | 158 | 2.38 |
| 115 | 38617 | Sensitized Photographic Paper & Cloth, Other Than Silver Halide Type..... | 82 | 196 | 2.38 |
| 116 | 2299A | Bonded Fiber Fabrics (Non-Woven Textiles) & Textile Goods, n.e.c., n.s.k. (Inc. 22991 & 22990)..... | 70 | 165 | 2.37 |
| 117 | 32316 | Other Glass Products, Made of Purchased Glass..... | 157 | 372 | 2.37 |
| 118 | 2253V | Knit Outerwear Sport Shirts (Inc. 22532, 23212, 23312 & 23612)..... | 219 | 517 | 2.36 |
| 119 | 32926 | Vinyl Asbestos Floor Tile..... | 67 | 157 | 2.36 |
| 120 | 3331V | Refined Copper (Inc. 33312 & 33412)..... | 480 | 1,129 | 2.35 |
| 121 | 35622 | Roller Bearings, Complete..... | 269 | 633 | 2.35 |
| 122 | 37177 | Rebuilt Automotive Parts (Exc. Carburetors)..... | 80 | 188 | 2.35 |
| 123 | 34510 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 124 | 20154 | Canned Poultry..... | 26 | 60 | 2.33 |
| 125 | 36113 | Other Electrical Measuring Instruments..... | 140 | 326 | 2.33 |
| 126 | 36425 | Outdoor Lighting Equipment..... | 76 | 178 | 2.33 |
| 127 | 39530 | Hand Stamps, Stencils, & Other Marking Devices..... | 59 | 137 | 2.33 |
| 128 | 35423 | Other Metal-Forming Machines..... | 61 | 141 | 2.32 |
| 129 | 3532A | Other Mining Machinery & Equipment n.s.k. Inc. Parts & Attachments for Mining Machinery Inc. 35320, 35323 & 35324..... | 143 | 330 | 2.31 |
| 130 | 36443 | Other Noncurrent Carrying Wiring Devices & Supplies..... | 59 | *137 | *2.31 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-1966 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (\$millions) | | Ratio 1966/1958 |
|------|-------|--|------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 131 | 37510 | Bicycles, Motorcycles, Motorbikes, Scooters & Pts..... | 106 | 245 | 2.31 |
| 132 | 28445 | Other Cosmetics & Toilet Preparations..... | 418 | 961 | 2.30 |
| 133 | 33610 | Aluminum & Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 134 | 37171 | Passenger Cars, Knocked Down or Assembled..... | 9,218 | 21,157 | 2.30 |
| 135 | 35311 | Contractors' Off-Highway Wheel Tractors, Exc. Parts & Attachments..... | 90 | 206 | 2.29 |
| 136 | 35720 | Typewriters & Parts..... | 189 | 432 | 2.29 |
| 137 | 20874 | Other Flavoring Agents, Except Chocolate Sirups..... | 163 | 371 | 2.28 |
| 138 | 3357X | Appliance Wire & Cord & Flexible Cord Sets (Inc. 33576 & 36996)..... | 127 | 288 | 2.27 |
| 139 | 34441 | Sheet Metal Roofing, Siding & Drainage Equipment..... | 186 | 422 | 2.27 |
| 140 | 36343 | Other Small Household Electric Appliances..... | 336 | 764 | 2.27 |
| 141 | 35416 | Milling Machines..... | 89 | 202 | 2.26 |
| 142 | 36912 | Storage Batteries (Other Than Sli Type) Inc. Parts for Storage Batteries, All Types..... | 79 | 177 | 2.26 |
| 143 | 28411 | Alkaline Detergents & Acid-Type Cleaners..... | 144 | 326 | 2.25 |
| 144 | 35624 | Ball & Roller Bearings Parts & Components..... | 41 | 92 | 2.25 |
| 145 | 36942 | Battery Charging Generators..... | 105 | 236 | 2.25 |
| 146 | 37130 | Truck & Bus Bodies..... | 275 | 619 | 2.25 |
| 147 | 3799A | Other Transportation Equipment, & Transportation Equipment, n.e.c. & n.s.k. (Inc. 37992 & 37990)..... | 77 | 174 | 2.25 |
| 148 | 20872 | Beverage Bases, Except Sirups & Concentrated Fruit Juices | 59 | 132 | 2.24 |
| 149 | 29115 | Liquified Petroleum Gases Made in Refineries..... | 560 | 1,253 | 2.24 |
| 150 | 35411 | Boring Machines..... | 52 | 115 | 2.24 |
| 151 | 36220 | General Industry Power Circuit Devices & Controls..... | 447 | 1,002 | 2.24 |
| 152 | 36393 | Other Household Appliances & Parts..... | 131 | 294 | 2.24 |
| 153 | 38711 | Clocks..... | 111 | 250 | 2.24 |
| 154 | 26452 | Pasted, Lined, Laminated or Surface Coated Paperboard.... | 57 | 127 | 2.23 |
| 155 | 27315 | General Books (Trade), etc..... | 275 | 611 | 2.23 |
| 156 | 35482 | Power-Driven Hand Tool, Inc. Parts & Attachments..... | 211 | 470 | 2.23 |
| 157 | 36943 | Cranking Motors..... | 82 | 184 | 2.23 |
| 158 | 22561 | Warp-Knit Fabrics..... | 217 | 482 | 2.22 |
| 159 | 27316 | Other Books & Pamphlets..... | 96 | 213 | 2.22 |
| 160 | 30692 | Rubber Hose & Tubing..... | 181 | 400 | 2.22 |
| 161 | 35642 | Dust Collection, Air Purification Equipment & Air Washers | 70 | 156 | 2.22 |
| 162 | 33220 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 163 | 33996 | Heat Treating of Steel for the Trade..... | 85 | 188 | 2.20 |
| 164 | 35662 | Speed Changers, Industrial High Speed Drives & Gears.... | 234 | 515 | 2.20 |
| 165 | 36422 | Commercial & Institutional Type Electric Fixtures..... | 168 | 370 | 2.20 |
| 166 | 3519A | Diesel & Semidiesel Internal Combustion Engines, (Inc. 35192 & 35194)..... | 314 | 690 | 2.19 |
| 167 | 35318 | Scrapers, Graders, Rollers & Off-Highway Trucks, Trailers, & Wagons (Exc. Parts) (See 35319)..... | 326 | 712 | 2.19 |
| 168 | 3589A | Commercial Cooking & Food Warming Equipment, Service Industry Machines & Parts (Inc. 35891 & 35892)..... | 209 | 458 | 2.19 |
| 169 | 33526 | Aluminum Tube..... | 90 | 195 | 2.18 |
| 170 | 35591 | Chemical Manufacturing Industries Machinery & Equipment.. | 118 | 258 | 2.18 |
| 171 | 35671 | Electric Industrial Furnaces & Ovens, Metal Processing... | 36 | 78 | 2.18 |
| 172 | 25113 | Wood Dining Room & Kitchen Furniture (Exc. Cabinets).... | 167 | 362 | 2.17 |
| 173 | 33230 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 174 | 33525 | Extruded Aluminum Rod, Bar & Other Extruded Shapes..... | 272 | 591 | 2.17 |
| 175 | 34231 | Mechanics' Hand Service Tools..... | 188 | 409 | 2.17 |
| 176 | 35334 | Other Oil & Gas Field Machinery & Tools..... | 41 | 88 | 2.17 |
| 177 | 37175 | Parts & Accessories for Passenger Cars, Trucks & Busses Shipped to Motor Vehicle Manufactures..... | 7,327 | 15,894 | 2.17 |
| 178 | 28441 | Shaving Preparations..... | 75 | 162 | 2.16 |
| 179 | 23113 | Men's Tailored Dress & Sport Coats & Jackets..... | 147 | 317 | 2.15 |
| 180 | 28191 | Synthetic Ammonia, Nitric Acid, & Ammonium Compounds..... | 365 | 785 | 2.15 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-1966 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of Product | Shipments (\$millions) | | Ratio 1966/1958 |
|------|-------|--|------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 181 | 32912 | Nonmetallic Bonded Abrasive Products, Inc. Diamond Abrasives..... | 164 | 353 | 2.15 |
| 182 | 39111 | Jewelry, Made of Platinum Metals & Carat Gold..... | 195 | 419 | 2.15 |
| 183 | 28153 | Synthetic Organic Pigments, Lakes, & Toners..... | 80 | 172 | 2.14 |
| 184 | 30793 | Laminated Sheets, Rods & Tubes..... | 163 | 349 | 2.14 |
| 185 | 34291 | Transportation Equipment Hardware..... | 472 | 1,009 | 2.14 |
| 186 | 35595 | Other Special Industrial Machinery & Equipment..... | 415 | 886 | 2.14 |
| 187 | 20922 | Other Soybean Oil Mill Products..... | 487 | 1,036 | 2.13 |
| 188 | 32962 | Mineral Wool for Industrial & Equipment Insulation..... | 142 | 302 | 2.13 |
| 189 | 36930 | X-Ray Equipment, Inc. X-Ray Tubes & Electrotherapeutic Apparatus..... | 73 | 156 | 2.13 |
| 190 | 28198 | Chemical Catalytic Preparations..... | 56 | 119 | 2.12 |
| 191 | 35552 | Other Printing Trades Machinery, Inc. Parts & Attachments | 156 | 330 | 2.12 |
| 192 | 23850 | Raincoats & Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 193 | 33560 | Nonferrous Metal Rolling & Drawing, n.e.c., Inc. Non- ferrous Wire n.e.c. made in Rolling Mills, n.e.c. (See 33575)..... | 428 | 903 | 2.11 |
| 194 | 3357V | Aluminum & Aluminum-Base Alloy Wire (Inc. ACSR) (Inc. 33521 & 33571)..... | 101 | 212 | 2.11 |
| 195 | 35551 | Printing Presses..... | 94 | 199 | 2.11 |
| 196 | 36233 | Resistance Welders, Components, Accessories & Electrodes | 48 | 101 | 2.11 |
| 197 | 36945 | Other Complete Electrical Equipment for Internal Com- bustion Engines..... | 134 | 282 | 2.11 |
| 198 | 24321 | Hardwood Plywood..... | 183 | 383 | 2.10 |
| 199 | 25126 | Furniture Frames for Household Furniture..... | 36 | 77 | 2.10 |
| 200 | 25221 | Chairs, Stools, Couches, Etc., Inc. Upholstered..... | 59 | 123 | 2.10 |

*Food and tobacco products are underscored.

Section II.—Profiles of Food and Tobacco Manufacturing

Table II-1a.—GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65

FOOD AND KINDRED PRODUCTS

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Capital expenditures (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------|----------------------------------|--|--------------------------------------|------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | | |
| Alabama: | | | | | | | | | | | | | |
| 1958..... | 19,878 | 69,802 | 12,377 | 25,450 | 36,920 | 151,756 | 10,665 | 3,512 | 2,983 | 12,261 | 4,110 | 1.45 | 2,056 |
| 1963..... | 22,420 | 88,661 | 13,752 | 27,325 | 44,516 | 203,421 | 13,138 | 3,955 | 3,237 | 14,792 | 4,570 | 1.63 | 1,987 |
| 1964..... | 23,012 | 94,318 | 13,441 | 27,600 | 45,209 | 216,041 | 13,686 | 4,099 | 3,364 | 16,073 | 4,779 | 1.64 | 2,053 |
| 1965..... | 23,046 | 95,321 | 13,811 | 27,132 | 45,667 | 224,483 | 17,738 | 4,136 | 3,307 | 16,254 | 4,916 | 1.68 | 1,965 |
| Alaska: | | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 2,860 | 16,241 | 2,408 | 4,873 | 13,041 | 39,819 | 1,685 | 5,679 | 5,416 | 16,536 | 3,053 | 2.68 | 2,024 |
| 1964..... | 2,238 | 13,507 | 1,936 | 3,690 | 10,427 | 42,986 | 2,637 | 6,035 | 5,386 | 22,204 | 4,123 | 2.83 | 1,906 |
| 1965..... | 2,695 | 17,079 | 2,360 | 4,925 | 14,606 | 50,544 | 2,903 | 6,337 | 6,189 | 21,417 | 3,460 | 2.97 | 2,087 |
| Arizona: | | | | | | | | | | | | | |
| 1958..... | 5,660 | 26,548 | 3,289 | 6,866 | 13,844 | 56,955 | 4,324 | 4,690 | 4,209 | 17,317 | 4,114 | 2.02 | 2,088 |
| 1963..... | 6,597 | 34,544 | 3,606 | 7,702 | 17,441 | 78,150 | 7,035 | 5,236 | 4,837 | 21,672 | 4,481 | 2.26 | 2,136 |
| 1964..... | 6,387 | 34,489 | 3,563 | 7,508 | 17,482 | 72,355 | 6,417 | 5,400 | 4,907 | 20,307 | 4,139 | 2.33 | 2,107 |
| 1965..... | 6,112 | 33,864 | 3,230 | 6,861 | 15,375 | 71,817 | 4,660 | 5,541 | 4,760 | 22,234 | 4,671 | 2.24 | 2,124 |
| Arkansas: | | | | | | | | | | | | | |
| 1958..... | 15,119 | 46,410 | 10,949 | 21,473 | 28,412 | 101,022 | 5,576 | 3,070 | 2,595 | 9,227 | 3,556 | 1.32 | 1,961 |
| 1963..... | 17,878 | 63,831 | 13,230 | 26,732 | 40,083 | 155,929 | 11,001 | 3,570 | 3,030 | 11,786 | 3,890 | 1.50 | 2,021 |
| 1964..... | 18,499 | 64,647 | 13,564 | 27,397 | 41,894 | 173,152 | 9,745 | 3,495 | 3,089 | 12,766 | 4,133 | 1.53 | 2,020 |
| 1965..... | 19,984 | 77,955 | 15,084 | 31,582 | 50,098 | 202,201 | 25,231 | 3,901 | 3,321 | 13,405 | 4,036 | 1.59 | 2,094 |
| California: | | | | | | | | | | | | | |
| 1958..... | 157,709 | 768,903 | 110,499 | 209,486 | 467,966 | 1,906,805 | 98,876 | 4,875 | 4,235 | 17,256 | 4,075 | 2.23 | 1,896 |
| 1963..... | 155,731 | 926,986 | 108,663 | 210,455 | 563,993 | 2,413,049 | 149,435 | 5,952 | 5,190 | 22,207 | 4,279 | 2.68 | 1,937 |
| 1964..... | 155,494 | 972,038 | 108,011 | 213,620 | 593,336 | 2,541,873 | 133,662 | 6,251 | 5,493 | 23,533 | 4,284 | 2.78 | 1,978 |
| 1965..... | 154,173 | 975,997 | 106,907 | 206,372 | 590,103 | 2,649,985 | 150,411 | 6,331 | 5,520 | 24,788 | 4,491 | 2.86 | 1,930 |
| Colorado: | | | | | | | | | | | | | |
| 1958..... | 17,451 | 80,105 | 11,703 | 25,264 | 50,040 | 175,882 | 10,186 | 4,590 | 4,276 | 15,029 | 3,514 | 1.98 | 2,159 |
| 1963..... | 18,597 | 103,770 | 12,554 | 26,072 | 64,912 | 252,251 | 24,046 | 5,580 | 5,171 | 20,093 | 3,886 | 2.49 | 2,077 |
| 1964..... | 18,483 | 105,202 | 13,056 | 27,625 | 69,853 | 280,405 | 18,930 | 5,692 | 5,350 | 21,477 | 4,014 | 2.53 | 2,115 |
| 1965..... | 18,323 | 110,991 | 12,638 | 25,980 | 69,652 | 277,762 | 23,163 | 6,057 | 5,511 | 21,978 | 3,988 | 2.68 | 2,056 |
| Connecticut: | | | | | | | | | | | | | |
| 1958..... | 13,204 | 60,938 | 7,211 | 14,147 | 28,732 | 141,361 | 5,924 | 4,615 | 3,984 | 19,604 | 4,920 | 2.03 | 1,962 |
| 1963..... | 11,391 | 64,214 | 6,114 | 12,428 | 30,334 | 168,858 | 7,748 | 5,637 | 4,961 | 27,618 | 5,567 | 2.44 | 2,032 |
| 1964..... | 11,587 | 68,483 | 6,136 | 12,905 | 31,575 | 175,383 | 6,532 | 5,910 | 5,146 | 28,583 | 5,554 | 2.45 | 2,103 |
| 1965..... | 12,750 | 73,023 | 6,561 | 13,372 | 31,525 | 182,051 | 16,036 | 5,727 | 4,805 | 27,747 | 5,775 | 2.36 | 2,038 |
| Delaware: | | | | | | | | | | | | | |
| 1958..... | 6,273 | 20,676 | 4,866 | 9,084 | 13,513 | 51,723 | 3,439 | 3,296 | 2,777 | 10,629 | 3,828 | 1.49 | 1,867 |
| 1963..... | 6,124 | 23,744 | 4,742 | 9,184 | 15,464 | 54,634 | 22,843 | 3,877 | 3,261 | 11,521 | 3,533 | 1.68 | 1,937 |
| 1964..... | 6,739 | 30,630 | 5,285 | 9,823 | 18,459 | 88,256 | 25,959 | 4,545 | 3,493 | 16,699 | 4,781 | 1.88 | 1,859 |
| 1965..... | 7,992 | 37,769 | 6,106 | 12,057 | 24,006 | 130,617 | 12,898 | 4,726 | 3,932 | 21,392 | 5,441 | 1.99 | 1,975 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65--Con.

FOOD AND KINDRED PRODUCTS

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Capital expenditures (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker (\$) | Annual man-hours per production worker |
|-----------------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------|----------------------------------|--|--------------------------------------|----------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | | |
| District of Columbia: | | | | | | | | | | | | | |
| 1958..... | 5,648 | 28,035 | 2,642 | 5,461 | 11,322 | 54,154 | 2,860 | 4,964 | 4,285 | 20,497 | 4,783 | 2.07 | 2,067 |
| 1963..... | 4,544 | 28,912 | 1,931 | 4,053 | 10,352 | 55,735 | 1,886 | 6,363 | 5,361 | 28,863 | 5,384 | 2.55 | 2,099 |
| 1964..... | 4,759 | 30,430 | 1,981 | 3,904 | 11,085 | 62,592 | 2,797 | 6,394 | 5,596 | 31,596 | 5,647 | 2.84 | 1,971 |
| 1965..... | 4,559 | 30,612 | 1,959 | 4,049 | 11,119 | 59,509 | 4,209 | 6,715 | 5,676 | 30,377 | 5,352 | 2.75 | 2,067 |
| Florida: | | | | | | | | | | | | | |
| 1958..... | 36,429 | 130,670 | 23,401 | 48,961 | 70,809 | 321,957 | 18,601 | 3,587 | 3,026 | 13,758 | 4,547 | 1.45 | 2,092 |
| 1963..... | 39,593 | 167,407 | 25,801 | 54,719 | 93,663 | 499,694 | 34,235 | 4,228 | 3,630 | 19,367 | 5,335 | 1.71 | 2,121 |
| 1964..... | 40,700 | 177,633 | 25,755 | 54,927 | 96,910 | 508,403 | 28,714 | 4,364 | 3,763 | 19,740 | 5,246 | 1.76 | 2,133 |
| 1965..... | 40,334 | 183,281 | 26,802 | 57,152 | 103,530 | 511,217 | 38,684 | 4,544 | 3,863 | 19,074 | 4,938 | 1.81 | 2,132 |
| Georgia: | | | | | | | | | | | | | |
| 1958..... | 41,373 | 136,991 | 28,597 | 55,437 | 79,970 | 344,517 | 31,743 | 3,311 | 2,796 | 12,047 | 4,308 | 1.44 | 1,939 |
| 1963..... | 41,949 | 170,075 | 29,314 | 60,300 | 100,058 | 441,953 | 22,886 | 4,054 | 3,413 | 15,077 | 4,417 | 1.66 | 2,057 |
| 1964..... | 40,636 | 175,032 | 27,243 | 58,576 | 100,362 | 460,103 | 29,862 | 4,307 | 3,684 | 16,889 | 4,584 | 1.71 | 2,150 |
| 1965..... | 43,340 | 186,703 | 30,294 | 61,748 | 109,313 | 493,310 | 25,381 | 4,308 | 3,608 | 16,284 | 4,513 | 1.77 | 2,038 |
| Hawaii: | | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 15,231 | 59,058 | 11,929 | 20,654 | 39,236 | 166,986 | 11,438 | 3,877 | 3,289 | 13,998 | 4,256 | 1.90 | 1,731 |
| 1964..... | 14,953 | 60,829 | 11,573 | 20,068 | 39,769 | 163,316 | 13,746 | 4,068 | 3,436 | 14,112 | 4,107 | 1.98 | 1,734 |
| 1965..... | 14,789 | 62,546 | 11,501 | 20,309 | 41,425 | 180,122 | 14,746 | 4,229 | 3,602 | 15,661 | 4,348 | 2.04 | 1,766 |
| Idaho: | | | | | | | | | | | | | |
| 1958..... | 7,885 | 28,786 | 6,330 | 12,561 | 21,040 | 77,556 | 7,207 | 3,651 | 3,324 | 12,252 | 3,686 | 1.68 | 1,984 |
| 1963..... | 9,131 | 41,788 | 7,170 | 14,784 | 29,038 | 108,211 | 7,559 | 4,576 | 4,050 | 15,092 | 3,726 | 1.96 | 2,062 |
| 1964..... | 11,495 | 50,838 | 9,386 | 17,672 | 36,827 | 128,781 | 14,809 | 4,423 | 3,924 | 13,720 | 3,497 | 2.08 | 1,883 |
| 1965..... | 10,876 | 50,669 | 8,957 | 17,328 | 36,505 | 129,441 | 15,414 | 4,659 | 4,076 | 14,451 | 3,546 | 2.11 | 1,934 |
| Illinois: | | | | | | | | | | | | | |
| 1958..... | 128,982 | 648,443 | 89,745 | 184,124 | 406,083 | 1,653,037 | 77,174 | 5,027 | 4,525 | 18,419 | 4,071 | 2.21 | 2,052 |
| 1963..... | 116,083 | 695,673 | 80,082 | 165,267 | 435,399 | 2,059,037 | 108,857 | 5,994 | 5,437 | 25,712 | 4,729 | 2.64 | 2,064 |
| 1964..... | 117,645 | 744,101 | 81,254 | 168,362 | 460,522 | 2,210,742 | 119,067 | 6,325 | 5,668 | 27,208 | 4,801 | 2.74 | 2,072 |
| 1965..... | 117,922 | 751,151 | 80,770 | 167,047 | 472,893 | 2,286,573 | 152,214 | 6,370 | 5,855 | 28,310 | 4,835 | 2.83 | 2,068 |
| Indiana: | | | | | | | | | | | | | |
| 1958..... | 48,124 | 224,736 | 31,893 | 66,478 | 135,751 | 501,336 | 30,166 | 4,670 | 4,256 | 15,719 | 3,693 | 2.04 | 2,084 |
| 1963..... | 45,401 | 248,487 | 30,026 | 63,206 | 151,904 | 642,850 | 30,036 | 5,473 | 5,059 | 21,410 | 4,232 | 2.40 | 2,105 |
| 1964..... | 45,305 | 260,983 | 29,101 | 62,443 | 157,076 | 679,422 | 33,689 | 5,760 | 5,398 | 23,347 | 4,325 | 2.52 | 2,146 |
| 1965..... | 46,515 | 269,268 | 30,892 | 66,660 | 166,961 | 713,592 | 51,155 | 5,789 | 5,405 | 23,099 | 4,274 | 2.51 | 2,158 |
| Iowa: | | | | | | | | | | | | | |
| 1958..... | 53,073 | 261,733 | 37,393 | 76,560 | 174,678 | 539,951 | 34,673 | 4,931 | 4,671 | 14,440 | 3,091 | 2.28 | 2,047 |
| 1963..... | 50,356 | 304,457 | 35,049 | 72,147 | 204,583 | 653,155 | 39,160 | 6,046 | 5,837 | 18,635 | 3,193 | 2.84 | 2,058 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65.--Con.

FOOD AND KINDRED PRODUCTS

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Capital expenditures (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------|----------------------------------|--|--------------------------------------|------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | | |
| Iowa--Con. | | | | | | | | | | | | | |
| 1964..... | 51,243 | 325,270 | 35,992 | 74,168 | 218,601 | 720,939 | 51,742 | 6,347 | 6,074 | 20,030 | 3,298 | 2.95 | 2,061 |
| 1965..... | 47,974 | 312,559 | 33,518 | 68,497 | 210,278 | 676,127 | 41,276 | 6,515 | 6,274 | 20,172 | 3,215 | 3.07 | 2,043 |
| Kansas: | | | | | | | | | | | | | |
| 1958..... | 21,950 | 100,451 | 15,176 | 32,116 | 65,034 | 215,784 | 11,993 | 4,576 | 4,285 | 14,219 | 3,318 | 2.02 | 2,116 |
| 1963..... | 21,225 | 122,468 | 14,519 | 31,199 | 81,158 | 239,227 | 12,394 | 5,770 | 5,590 | 16,477 | 2,948 | 2.60 | 2,149 |
| 1964..... | 21,667 | 129,593 | 14,147 | 31,565 | 82,574 | 251,565 | 21,820 | 5,981 | 5,837 | 17,782 | 3,046 | 2.62 | 2,231 |
| 1965..... | 21,200 | 127,657 | 14,150 | 30,693 | 83,349 | 269,225 | 11,840 | 6,021 | 5,890 | 19,026 | 3,230 | 2.72 | 2,169 |
| Kentucky: | | | | | | | | | | | | | |
| 1958..... | 27,198 | 121,640 | 18,614 | 37,630 | 74,924 | 363,134 | 17,807 | 4,472 | 4,025 | 19,509 | 4,847 | 1.99 | 2,022 |
| 1963..... | 23,849 | 127,458 | 15,710 | 32,018 | 75,972 | 444,402 | 16,456 | 5,344 | 4,835 | 28,288 | 5,850 | 2.37 | 2,038 |
| 1964..... | 23,349 | 130,744 | 15,159 | 31,122 | 76,925 | 475,294 | 15,122 | 5,599 | 5,075 | 31,353 | 6,179 | 2.47 | 2,053 |
| 1965..... | 23,844 | 139,584 | 15,293 | 32,476 | 81,269 | 484,688 | 25,039 | 5,854 | 5,314 | 31,693 | 5,964 | 2.50 | 2,124 |
| Louisiana: | | | | | | | | | | | | | |
| 1958..... | 30,316 | 112,748 | 20,441 | 41,219 | 66,724 | 276,700 | 15,635 | 3,719 | 3,264 | 13,537 | 4,147 | 1.62 | 2,016 |
| 1963..... | 29,588 | 130,645 | 19,748 | 41,265 | 76,765 | 367,891 | 29,779 | 4,415 | 3,887 | 18,629 | 4,792 | 1.86 | 2,089 |
| 1964..... | 30,120 | 136,861 | 20,195 | 41,936 | 79,295 | 357,124 | 32,452 | 4,544 | 3,926 | 17,684 | 4,503 | 1.89 | 2,076 |
| 1965..... | 29,512 | 134,823 | 19,804 | 41,281 | 79,519 | 350,944 | 17,133 | 4,568 | 4,015 | 17,720 | 4,413 | 1.93 | 2,084 |
| Maine: | | | | | | | | | | | | | |
| 1958..... | 11,462 | 37,131 | 8,908 | 17,468 | 25,212 | 86,209 | 4,932 | 3,239 | 2,830 | 9,678 | 3,419 | 1.44 | 1,961 |
| 1963..... | 11,657 | 45,055 | 8,931 | 17,583 | 29,579 | 109,239 | 5,693 | 3,865 | 3,311 | 12,231 | 3,693 | 1.68 | 1,969 |
| 1964..... | 11,602 | 44,648 | 8,935 | 16,912 | 28,552 | 109,139 | 7,125 | 3,848 | 3,195 | 12,242 | 3,822 | 1.69 | 1,893 |
| 1965..... | 12,126 | 51,567 | 9,308 | 18,849 | 32,864 | 123,488 | 16,247 | 4,253 | 3,531 | 13,267 | 3,757 | 1.74 | 2,025 |
| Maryland: | | | | | | | | | | | | | |
| 1958..... | 35,780 | 142,114 | 24,413 | 47,495 | 79,443 | 326,302 | 14,641 | 3,972 | 3,254 | 13,366 | 4,107 | 1.67 | 1,945 |
| 1963..... | 35,881 | 161,804 | 24,448 | 46,845 | 91,586 | 419,836 | 15,458 | 4,509 | 3,746 | 17,173 | 4,584 | 1.96 | 1,916 |
| 1964..... | 35,048 | 170,538 | 23,807 | 47,012 | 96,358 | 456,181 | 22,400 | 4,866 | 4,047 | 19,162 | 4,734 | 2.05 | 1,975 |
| 1965..... | 35,575 | 172,620 | 23,964 | 46,393 | 97,275 | 475,676 | 23,473 | 4,852 | 4,059 | 19,850 | 4,890 | 2.10 | 1,936 |
| Massachusetts: | | | | | | | | | | | | | |
| 1958..... | 48,045 | 206,247 | 30,358 | 60,450 | 115,434 | 409,697 | 20,054 | 4,293 | 3,802 | 13,496 | 3,549 | 1.91 | 1,991 |
| 1963..... | 41,037 | 208,802 | 26,176 | 53,063 | 117,134 | 505,007 | 22,912 | 5,088 | 4,475 | 19,293 | 4,311 | 2.21 | 2,027 |
| 1964..... | 40,747 | 217,748 | 26,140 | 52,632 | 121,542 | 532,567 | 37,871 | 5,344 | 4,650 | 20,374 | 4,382 | 2.31 | 2,013 |
| 1965..... | 38,872 | 208,697 | 25,262 | 50,307 | 117,839 | 520,680 | 29,636 | 5,369 | 4,665 | 20,611 | 4,418 | 2.34 | 1,991 |
| Michigan: | | | | | | | | | | | | | |
| 1958..... | 57,665 | 282,973 | 37,485 | 75,522 | 163,749 | 657,595 | 34,912 | 4,907 | 4,368 | 17,543 | 4,016 | 2.16 | 2,015 |
| 1963..... | 52,472 | 291,829 | 35,039 | 71,284 | 176,529 | 729,211 | 42,075 | 5,562 | 5,038 | 20,811 | 4,130 | 2.48 | 2,034 |
| 1964..... | 52,690 | 305,690 | 35,517 | 72,315 | 183,271 | 798,605 | 45,647 | 5,802 | 5,160 | 22,485 | 4,358 | 2.53 | 2,036 |
| 1965..... | 51,656 | 308,341 | 35,087 | 70,784 | 185,515 | 791,821 | 55,075 | 5,969 | 5,287 | 22,567 | 4,268 | 2.62 | 2,017 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 and 1963-65--Con.

FOOD AND KINDRED PRODUCTS

| State and year | Total employment | | Production workers | | | Capital expenditures (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker (\$) | Annual man-hours per production worker |
|-----------------------|------------------|-------------------|--------------------|-------------------|-----------------|--------------------------------|---------------------------|----------------------------------|--|--------------------------------------|----------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Minnesota: | | | | | | | | | | | | |
| 1958..... | 51,761 | 248,606 | 37,560 | 75,213 | 169,779 | 518,442 | 4,802 | 4,520 | 13,803 | 3,054 | 2.25 | 2,002 |
| 1963..... | 48,619 | 274,567 | 35,395 | 71,056 | 186,046 | 587,507 | 5,647 | 5,313 | 16,598 | 3,124 | 2.65 | 2,008 |
| 1964..... | 48,696 | 289,706 | 35,391 | 73,711 | 197,138 | 594,518 | 5,321 | 5,570 | 16,798 | 3,015 | 2.67 | 2,082 |
| 1965..... | 47,081 | 287,717 | 34,849 | 72,005 | 196,930 | 637,082 | 6,111 | 5,651 | 18,281 | 3,235 | 2.73 | 2,066 |
| Mississippi: | | | | | | | | | | | | |
| 1958..... | 13,144 | 40,748 | 9,038 | 17,952 | 24,303 | 97,269 | 3,100 | 2,689 | 10,762 | 4,002 | 1.35 | 1,986 |
| 1963..... | 14,641 | 53,705 | 9,856 | 20,542 | 31,762 | 130,946 | 3,668 | 3,222 | 13,285 | 4,123 | 1.55 | 2,084 |
| 1964..... | 15,154 | 58,005 | 10,081 | 21,787 | 35,284 | 130,584 | 3,926 | 3,500 | 12,953 | 3,701 | 1.62 | 2,161 |
| 1965..... | 15,333 | 60,203 | 10,183 | 21,573 | 33,216 | 157,588 | 3,926 | 3,262 | 15,476 | 4,744 | 1.54 | 2,118 |
| Missouri: | | | | | | | | | | | | |
| 1958..... | 52,283 | 249,385 | 34,863 | 70,409 | 153,271 | 561,191 | 4,769 | 4,396 | 16,097 | 3,661 | 2.18 | 2,019 |
| 1963..... | 48,198 | 274,053 | 32,286 | 63,735 | 169,917 | 629,933 | 5,687 | 5,263 | 19,511 | 3,707 | 2.66 | 1,974 |
| 1964..... | 48,281 | 288,037 | 32,427 | 64,929 | 180,365 | 676,379 | 5,966 | 5,562 | 20,858 | 3,750 | 2.78 | 2,002 |
| 1965..... | 48,829 | 295,226 | 32,464 | 64,516 | 182,907 | 681,955 | 6,046 | 5,634 | 21,006 | 3,728 | 2.84 | 1,987 |
| Montana: | | | | | | | | | | | | |
| 1958..... | 3,996 | 16,925 | 2,794 | 5,779 | 11,205 | 38,825 | 4,235 | 4,010 | 13,896 | 3,464 | 1.94 | 2,068 |
| 1963..... | 4,048 | 21,182 | 2,689 | 5,599 | 13,147 | 47,544 | 5,233 | 4,889 | 17,680 | 3,617 | 2.35 | 2,082 |
| 1964..... | 3,829 | 21,208 | 2,655 | 5,886 | 13,817 | 49,748 | 5,539 | 5,204 | 18,737 | 3,600 | 2.43 | 2,142 |
| 1965..... | 3,846 | 22,464 | 2,470 | 5,364 | 13,813 | 52,920 | 5,841 | 5,592 | 21,425 | 3,831 | 2.58 | 2,172 |
| Nebraska: | | | | | | | | | | | | |
| 1958..... | 27,680 | 128,737 | 20,159 | 41,773 | 88,278 | 264,967 | 4,651 | 4,379 | 13,144 | 3,002 | 2.11 | 2,072 |
| 1963..... | 26,698 | 150,161 | 19,290 | 40,254 | 103,202 | 16,428 | 5,624 | 5,350 | 16,414 | 3,068 | 2.56 | 2,087 |
| 1964..... | 26,771 | 159,777 | 19,025 | 41,590 | 111,014 | 21,815 | 5,968 | 5,835 | 19,181 | 3,287 | 2.67 | 2,186 |
| 1965..... | 25,368 | 151,645 | 18,053 | 39,017 | 102,379 | 338,303 | 5,978 | 5,671 | 18,739 | 3,304 | 2.62 | 2,161 |
| Nevada: | | | | | | | | | | | | |
| 1958..... | 776 | 3,899 | 472 | 1,037 | 2,090 | 7,701 | 5,024 | 4,428 | 16,316 | 3,685 | 2.02 | 2,197 |
| 1963..... | 1,011 | 6,431 | 491 | 989 | 2,664 | 11,510 | 6,361 | 5,426 | 23,442 | 4,321 | 2.69 | 2,014 |
| 1964..... | 1,033 | 6,774 | 486 | 998 | 2,584 | 10,285 | 6,558 | 5,317 | 21,163 | 3,980 | 2.59 | 2,053 |
| 1965..... | 1,080 | 7,564 | 508 | 1,045 | 2,847 | 13,569 | 7,004 | 5,604 | 26,711 | 4,766 | 2.72 | 2,057 |
| New Hampshire: | | | | | | | | | | | | |
| 1958..... | 3,129 | 11,654 | 1,982 | 3,930 | 6,500 | 21,127 | 3,725 | 3,280 | 10,659 | 3,250 | 1.65 | 1,983 |
| 1963..... | 2,944 | 14,092 | 1,579 | 3,353 | 6,565 | 31,474 | 4,787 | 4,158 | 19,933 | 4,794 | 1.96 | 2,123 |
| 1964..... | 2,955 | 14,518 | 1,729 | 3,358 | 6,663 | 33,524 | 4,913 | 3,854 | 19,389 | 5,031 | 1.98 | 1,942 |
| 1965..... | 3,316 | 16,294 | 1,529 | 3,390 | 7,110 | 34,993 | 4,814 | 4,650 | 22,866 | 4,922 | 2.10 | 2,217 |
| New Jersey: | | | | | | | | | | | | |
| 1958..... | 61,240 | 312,072 | 42,123 | 83,745 | 193,603 | 808,419 | 5,096 | 4,596 | 19,192 | 4,176 | 2.31 | 1,988 |
| 1963..... | 81,098 | 365,836 | 41,680 | 84,344 | 225,842 | 1,034,623 | 5,988 | 5,418 | 24,823 | 4,581 | 2.68 | 2,024 |
| 1964..... | 59,350 | 374,252 | 39,944 | 82,386 | 229,487 | 1,028,581 | 6,306 | 5,745 | 25,751 | 4,482 | 2.79 | 2,063 |
| 1965..... | 59,842 | 385,753 | 41,621 | 84,434 | 239,340 | 1,058,716 | 6,446 | 5,750 | 25,437 | 4,423 | 2.84 | 2,029 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65--Con.

FOOD AND KINDRED PRODUCTS

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Capital expenditures (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|--------------------|-----------------|-----------------------|--------------------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Production workers | | | | | | | | | |
| | | | | Man-hours (1,000) | Wages (\$1,000) | | | | | | | | |
| New Mexico: | | | | | | | | | | | | | |
| 1958..... | 3,507 | 13,387 | 2,105 | 4,261 | 6,573 | 29,176 | 2,244 | 3,817 | 3,123 | 13,860 | 4,439 | 1.54 | 2,024 |
| 1963..... | 3,595 | 16,216 | 2,026 | 4,213 | 7,731 | 34,537 | 2,526 | 4,511 | 3,816 | 17,047 | 4,467 | 1.84 | 2,079 |
| 1964..... | 3,716 | 17,462 | 2,037 | 4,441 | 8,742 | 33,421 | * 2,056 | 4,699 | 4,292 | 16,407 | 3,823 | 1.97 | 2,180 |
| 1965..... | 3,877 | 18,585 | 2,150 | 4,381 | 8,621 | 38,744 | 2,351 | 4,794 | 4,010 | 18,020 | 4,494 | 1.97 | 2,038 |
| New York: | | | | | | | | | | | | | |
| 1958..... | 148,832 | 718,061 | 98,331 | 197,139 | 423,119 | 1,649,400 | 83,553 | 4,825 | 4,303 | 16,774 | 3,898 | 2.15 | 2,005 |
| 1963..... | 128,803 | 756,132 | 84,116 | 172,056 | 435,595 | 1,846,395 | 82,794 | 5,870 | 5,179 | 21,951 | 4,239 | 2.53 | 2,045 |
| 1964..... | 127,415 | 767,775 | 83,406 | 170,661 | 442,762 | 1,843,979 | 102,011 | 6,026 | 5,309 | 22,108 | 4,165 | 2.59 | 2,046 |
| 1965..... | 120,741 | 747,428 | 77,772 | 160,121 | 419,431 | 1,809,743 | 100,850 | 6,190 | 5,393 | 23,270 | 4,315 | 2.62 | 2,059 |
| North Carolina: | | | | | | | | | | | | | |
| 1958..... | 29,943 | 99,370 | 18,031 | 36,011 | 48,570 | 235,207 | 16,378 | 3,319 | 2,694 | 13,045 | 4,843 | 1.35 | 1,997 |
| 1963..... | 32,940 | 129,133 | 19,462 | 39,277 | 60,750 | 322,861 | 20,253 | 3,920 | 3,121 | 16,589 | 5,315 | 1.55 | 2,018 |
| 1964..... | 34,428 | 141,428 | 20,546 | 41,705 | 66,956 | 349,498 | 20,610 | 4,108 | 3,259 | 17,011 | 5,220 | 1.61 | 2,030 |
| 1965..... | 34,526 | 147,915 | 20,720 | 41,805 | 69,071 | 359,946 | 28,566 | 4,284 | 3,334 | 17,372 | 5,211 | 1.65 | 2,018 |
| North Dakota: | | | | | | | | | | | | | |
| 1958..... | 3,205 | 12,657 | 2,085 | 4,401 | 7,885 | 30,316 | 2,107 | 3,949 | 3,782 | 14,540 | 3,845 | 1.79 | 2,111 |
| 1963..... | 3,063 | 14,240 | 1,979 | 4,235 | 8,397 | 36,747 | 5,567 | 4,649 | 4,243 | 18,568 | 4,377 | 1.98 | 2,140 |
| 1964..... | 2,982 | 14,679 | 1,887 | 4,048 | 8,375 | 33,449 | 14,886 | 4,923 | 4,438 | 17,726 | 3,994 | 2.07 | 2,145 |
| 1965..... | 2,774 | 14,192 | 1,789 | 3,922 | 7,941 | 35,173 | 1,620 | 5,116 | 4,439 | 19,661 | 4,429 | 2.03 | 2,192 |
| Ohio: | | | | | | | | | | | | | |
| 1958..... | 85,948 | 410,866 | 50,744 | 104,146 | 215,729 | 821,624 | 47,892 | 4,780 | 4,251 | 16,192 | 3,809 | 2.07 | 2,052 |
| 1963..... | 76,265 | 422,986 | 44,889 | 92,915 | 226,590 | 1,051,910 | 50,466 | 5,546 | 5,048 | 23,434 | 4,642 | 2.44 | 2,070 |
| 1964..... | 76,069 | 435,831 | 44,721 | 92,833 | 230,419 | 1,103,993 | 52,634 | 5,729 | 5,152 | 24,686 | 4,787 | 2.48 | 2,076 |
| 1965..... | 77,976 | 453,753 | 45,612 | 95,029 | 244,535 | 1,159,364 | 62,388 | 5,819 | 5,361 | 25,418 | 4,741 | 2.57 | 2,083 |
| Oklahoma: | | | | | | | | | | | | | |
| 1958..... | 15,415 | 61,314 | 9,058 | 18,443 | 31,986 | 131,901 | 8,191 | 3,978 | 3,531 | 14,562 | 4,124 | 1.73 | 2,036 |
| 1963..... | 14,212 | 66,419 | 8,668 | 18,182 | 34,706 | 148,173 | 10,977 | 4,673 | 4,004 | 17,094 | 4,269 | 1.91 | 2,098 |
| 1964..... | 14,325 | 70,058 | 8,625 | 18,405 | 36,059 | 154,567 | 8,038 | 4,891 | 4,181 | 17,921 | 4,287 | 1.96 | 2,134 |
| 1965..... | 13,318 | 69,021 | 8,050 | 17,336 | 36,128 | 156,998 | 8,435 | 5,183 | 4,488 | 19,503 | 4,346 | 2.08 | 2,154 |
| Oregon: | | | | | | | | | | | | | |
| 1958..... | 19,555 | 81,783 | 14,305 | 27,466 | 52,453 | 199,289 | 11,210 | 4,182 | 3,667 | 13,931 | 3,799 | 1.91 | 1,920 |
| 1963..... | 19,938 | 99,151 | 14,847 | 27,296 | 64,130 | 234,720 | 13,479 | 4,973 | 4,319 | 15,809 | 3,660 | 2.35 | 1,838 |
| 1964..... | 19,301 | 101,942 | 14,458 | 27,245 | 66,084 | 250,615 | 11,024 | 5,282 | 4,571 | 17,334 | 3,792 | 2.43 | 1,884 |
| 1965..... | 19,926 | 105,225 | 15,070 | 27,439 | 67,978 | 263,524 | 9,997 | 5,281 | 4,511 | 17,487 | 3,877 | 2.48 | 1,821 |
| Pennsylvania: | | | | | | | | | | | | | |
| 1958..... | 114,738 | 499,752 | 74,606 | 148,897 | 286,927 | 1,110,191 | 61,341 | 4,356 | 3,846 | 14,881 | 3,869 | 1.93 | 1,996 |
| 1963..... | 107,508 | 556,715 | 69,644 | 142,352 | 325,146 | 1,355,664 | 67,461 | 5,178 | 4,669 | 19,466 | 4,169 | 2.28 | 2,044 |
| 1964..... | 109,334 | 587,238 | 70,192 | 142,771 | 334,781 | 1,431,309 | 89,140 | 5,371 | 4,770 | 20,387 | 4,275 | 2.35 | 2,034 |
| 1965..... | 109,323 | 594,767 | 71,429 | 144,353 | 342,187 | 1,446,840 | 93,614 | 5,440 | 4,791 | 20,256 | 4,225 | 2.37 | 2,021 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65--Con.

FOOD AND KINDRED PRODUCTS

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Capital expenditures (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | | |
| Rhode Island: | | | | | | | | | | | | | |
| 1958..... | 6,467 | 27,478 | 3,842 | 7,528 | 14,532 | 3,237 | 4,249 | 3,782 | 13,017 | 3,442 | 1.93 | 1,959 | |
| 1963..... | 6,026 | 30,652 | 3,336 | 6,917 | 15,921 | 3,601 | 5,087 | 4,772 | 18,344 | 3,844 | 2.30 | 2,073 | |
| 1964..... | 5,663 | 30,590 | 3,182 | 6,373 | 15,439 | *2,387 | 5,402 | 4,852 | 18,913 | 3,898 | 2.42 | 2,003 | |
| 1965..... | *5,740 | 33,701 | 3,011 | 6,296 | 16,141 | 6,205 | 5,871 | 5,361 | 25,511 | 4,759 | 2.56 | 2,091 | |
| South Carolina: | | | | | | | | | | | | | |
| 1958..... | 10,346 | 33,404 | 6,127 | 12,297 | 16,056 | 4,311 | 3,229 | 2,621 | 11,971 | 4,568 | 1.31 | 2,007 | |
| 1963..... | 11,042 | 41,469 | 6,396 | 13,062 | 17,724 | 7,362 | 3,756 | 3,084 | 15,361 | 4,981 | 1.51 | 2,042 | |
| 1964..... | 10,385 | 42,202 | 6,046 | 12,472 | 19,961 | *4,507 | 4,064 | 3,302 | 15,235 | 4,614 | 1.60 | 2,063 | |
| 1965..... | 10,774 | 44,364 | 6,127 | 13,154 | 21,280 | 8,547 | 4,118 | 3,473 | 17,656 | 5,084 | 1.62 | 2,147 | |
| South Dakota: | | | | | | | | | | | | | |
| 1958..... | 8,206 | 36,679 | 6,045 | 11,576 | 25,040 | 3,124 | 4,470 | 4,142 | 13,487 | 3,256 | 2.16 | 1,915 | |
| 1963..... | 7,905 | 45,388 | 5,729 | 11,876 | 31,750 | 4,353 | 5,742 | 5,542 | 16,569 | 2,990 | 2.67 | 2,073 | |
| 1964..... | 7,887 | 48,416 | 5,779 | 12,272 | 33,521 | *8,054 | 6,139 | 5,800 | 16,285 | 2,808 | 2.73 | 2,124 | |
| 1965..... | 7,952 | 47,972 | 5,552 | 11,330 | 32,004 | 3,826 | 6,033 | 5,764 | 16,885 | 2,929 | 2.83 | 2,041 | |
| Tennessee: | | | | | | | | | | | | | |
| 1958..... | 29,959 | 116,786 | 18,766 | 38,446 | 63,585 | 26,294 | 3,898 | 3,388 | 14,010 | 4,135 | 1.65 | 2,049 | |
| 1963..... | 31,928 | 143,451 | 20,141 | 42,638 | 78,356 | 34,938 | 4,493 | 3,890 | 17,345 | 4,458 | 1.84 | 2,117 | |
| 1964..... | 32,358 | 151,076 | 20,063 | 42,451 | 82,424 | 20,883 | 4,669 | 4,108 | 18,240 | 4,441 | 1.94 | 2,116 | |
| 1965..... | 32,466 | 158,696 | 20,283 | 42,333 | 85,939 | 23,712 | 4,888 | 4,237 | 20,072 | 4,737 | 2.03 | 2,087 | |
| Texas: | | | | | | | | | | | | | |
| 1958..... | 75,535 | 290,355 | 48,155 | 99,635 | 157,846 | 41,976 | 3,844 | 3,278 | 14,757 | 4,502 | 1.58 | 2,069 | |
| 1963..... | 75,351 | 339,826 | 47,799 | 101,452 | 184,004 | 73,767 | 4,510 | 3,849 | 19,447 | 5,052 | 1.81 | 2,122 | |
| 1964..... | 77,191 | 360,316 | 49,081 | 104,025 | 195,316 | 86,425 | 4,668 | 3,979 | 19,825 | 4,982 | 1.88 | 2,119 | |
| 1965..... | 76,662 | 369,646 | 48,122 | 103,696 | 202,303 | 68,676 | 4,822 | 4,204 | 21,398 | 5,090 | 1.95 | 2,155 | |
| Utah: | | | | | | | | | | | | | |
| 1958..... | 8,864 | 34,943 | 6,171 | 11,853 | 21,769 | 4,079 | 3,942 | 3,528 | 13,582 | 3,850 | 1.84 | 1,921 | |
| 1963..... | 8,463 | 41,150 | 5,490 | 11,197 | 24,219 | 5,071 | 4,862 | 4,411 | 18,052 | 4,092 | 2.16 | 2,039 | |
| 1964..... | 8,196 | 42,311 | 5,857 | 12,564 | 27,055 | 4,481 | 5,162 | 4,619 | 15,155 | 3,281 | 2.15 | 2,145 | |
| 1965..... | 8,205 | 42,123 | 5,169 | 10,520 | 24,256 | 4,872 | 5,134 | 4,693 | 18,569 | 3,957 | 2.31 | 1,997 | |
| Vermont: | | | | | | | | | | | | | |
| 1958..... | 2,876 | 11,651 | 2,022 | 4,045 | 7,482 | 1,501 | 4,051 | 3,700 | 16,960 | 4,583 | 1.85 | 2,000 | |
| 1963..... | 2,699 | 13,142 | 1,740 | 3,644 | 7,481 | *1,642 | 4,869 | 4,299 | 20,128 | 4,681 | 2.05 | 2,094 | |
| 1964..... | 2,737 | 13,410 | 1,750 | 3,671 | 7,846 | 36,585 | 4,900 | 4,483 | 20,906 | 4,663 | 2.14 | 2,098 | |
| 1965..... | 2,642 | 12,418 | 1,727 | 3,352 | 7,004 | *744 | 4,700 | 4,055 | 18,794 | 4,634 | 2.09 | 1,941 | |
| Virginia: | | | | | | | | | | | | | |
| 1958..... | 31,396 | 104,437 | 21,709 | 43,187 | 59,474 | 14,213 | 3,326 | 2,740 | 11,100 | 4,051 | 1.38 | 1,989 | |
| 1963..... | 32,048 | 127,089 | 21,933 | 43,633 | 73,504 | 17,404 | 3,966 | 3,351 | 14,885 | 4,441 | 1.68 | 1,989 | |
| 1964..... | 31,883 | 135,195 | 20,625 | 44,861 | 75,916 | 18,856 | 4,240 | 3,681 | 16,937 | 4,601 | 1.69 | 2,175 | |
| 1965..... | 32,450 | 143,065 | 21,807 | 45,923 | 80,602 | 25,558 | 4,409 | 3,696 | 16,066 | 4,347 | 1.76 | 2,106 | |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65--Con.

FOOD AND KINDRED PRODUCTS

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Capital expenditures (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------|----------------------------------|--|--------------------------------------|----------------------------------|--|
| | Number | Payroll (\$1,000) | Production workers | | | | | | | | | | |
| | | | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | | |
| Washington: | | | | | | | | | | | | | |
| 1958..... | 26,487 | 124,459 | 18,382 | 35,904 | 77,764 | 297,396 | 15,357 | 4,699 | 4,230 | 16,178 | 3,824 | 2.17 | 1,953 |
| 1963..... | 26,704 | 151,826 | 19,392 | 37,428 | 98,796 | 360,950 | 16,193 | 5,686 | 5,095 | 18,613 | 3,653 | 2.64 | 1,930 |
| 1964..... | 25,137 | 151,592 | 18,171 | 36,003 | 99,012 | 361,493 | 13,833 | 6,031 | 5,449 | 19,894 | 3,651 | 2.75 | 1,981 |
| 1965..... | 25,111 | 155,600 | 18,065 | 35,429 | 101,563 | 383,542 | 22,372 | 6,196 | 5,622 | 21,231 | 3,776 | 2.87 | 1,961 |
| West Virginia: | | | | | | | | | | | | | |
| 1958..... | 8,629 | 33,284 | 4,515 | 9,507 | 14,943 | 68,756 | 4,998 | 3,857 | 3,310 | 15,228 | 4,601 | 1.57 | 2,106 |
| 1963..... | 7,280 | 33,834 | 3,872 | 8,379 | 15,259 | 71,714 | 3,502 | 4,648 | 3,941 | 18,521 | 4,700 | 1.82 | 2,164 |
| 1964..... | 7,338 | 35,469 | 3,964 | 8,568 | 16,322 | 79,355 | 3,272 | 4,833 | 4,118 | 20,019 | 4,862 | 1.90 | 2,161 |
| 1965..... | 7,295 | 35,863 | 3,601 | 7,939 | 15,632 | 72,397 | * 3,776 | 4,916 | 4,341 | 20,105 | 4,631 | 1.97 | 2,205 |
| Wisconsin: | | | | | | | | | | | | | |
| 1958..... | 64,096 | 288,429 | 46,094 | 92,865 | 187,839 | 624,690 | 35,532 | 4,500 | 4,075 | 13,553 | 3,326 | 2.02 | 2,015 |
| 1963..... | 58,714 | 314,953 | 41,621 | 85,120 | 200,871 | 754,500 | 49,578 | 5,364 | 4,826 | 18,128 | 3,756 | 2.36 | 2,045 |
| 1964..... | 58,722 | 326,625 | 41,337 | 84,068 | 208,011 | 820,839 | 47,029 | 5,562 | 5,032 | 19,857 | 3,946 | 2.47 | 2,034 |
| 1965..... | 59,538 | 338,116 | 42,345 | 86,179 | 216,773 | 821,990 | 47,041 | 5,679 | 5,119 | 19,412 | 3,792 | 2.52 | 2,035 |
| Wyoming: | | | | | | | | | | | | | |
| 1958..... | 1,417 | 5,558 | 988 | 2,093 | 3,661 | 12,487 | 627 | 3,922 | 3,705 | 12,639 | 3,410 | 1.75 | 2,118 |
| 1963..... | 1,504 | 6,808 | 1,066 | 2,116 | 4,349 | 17,088 | 1,083 | 4,527 | 4,080 | 16,030 | 3,929 | 2.06 | 1,985 |
| 1964..... | 1,458 | 7,315 | 985 | 2,227 | 4,768 | 15,455 | 916 | 5,017 | 4,841 | 15,690 | 3,241 | 2.14 | 2,261 |
| 1965..... | 1,535 | 7,137 | 1,026 | 2,267 | 4,564 | 18,763 | 1,877 | 4,650 | 4,448 | 18,288 | 4,111 | 2.01 | 2,210 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65

TOBACCO MANUFACTURES

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Capital expenditures (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | | |
| Alabama: | 603 | 1,320 | 590 | 1,081 | 1,248 | 4,166 | 141 | 2,189 | 2,115 | 7,061 | 3,338 | 1.15 | 1,832 |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| California: | 43 | 98 | 41 | 76 | 92 | 204 | n.a. | 2,279 | 2,244 | 4,976 | 2,217 | 1.21 | 1,854 |
| | 50 | 218 | 44 | 83 | 168 | 369 | 1 | 4,360 | 3,818 | 8,386 | 2,196 | 2.02 | 1,886 |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Connecticut: | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 266 | 1,161 | 245 | 461 | 928 | 2,186 | 94 | 4,365 | 3,788 | 8,922 | 2,356 | 2.01 | 1,882 |
| | 260 | 1,142 | 239 | 451 | 909 | 2,081 | n.a. | 4,392 | 3,803 | 8,707 | 2,289 | 2.02 | 1,887 |
| | 378 | 1,783 | 330 | 694 | 1,330 | 2,075 | n.a. | 4,717 | 4,030 | 6,288 | 1,560 | 1.92 | 2,103 |
| Florida: | 7,635 | 20,710 | 7,144 | 13,203 | 17,685 | 41,340 | 770 | 2,713 | 2,476 | 5,787 | 2,338 | 1.34 | 1,848 |
| | 5,435 | 17,077 | 4,933 | 8,894 | 13,924 | 35,303 | 733 | 3,142 | 2,823 | 7,156 | 2,535 | 1.57 | 1,742 |
| | 5,719 | 19,132 | 5,226 | 9,714 | 15,518 | 37,281 | 1,904 | 3,345 | 2,969 | 7,134 | 2,402 | 1.60 | 1,859 |
| | 5,378 | 18,329 | 4,881 | 8,834 | 14,598 | 38,695 | 1,271 | 3,408 | 2,991 | 7,928 | 2,651 | 1.65 | 1,810 |
| Kentucky: | 10,284 | 41,774 | 9,381 | 19,656 | 36,479 | 235,384 | 9,380 | 4,062 | 3,889 | 25,092 | 6,453 | 1.86 | 2,095 |
| | 10,017 | 50,540 | 8,981 | 19,233 | 43,334 | 273,146 | 9,104 | 5,045 | 4,825 | 30,414 | 6,303 | 2.25 | 2,141 |
| | 10,370 | 55,562 | 9,177 | 20,039 | 46,850 | 281,429 | 13,110 | 5,358 | 5,105 | 30,667 | 6,007 | 2.33 | 2,184 |
| | 10,421 | 58,282 | 9,196 | 18,571 | 48,912 | 305,594 | 9,749 | 5,593 | 5,319 | 33,231 | 6,248 | 2.63 | 2,019 |
| Massachusetts: | 303 | 846 | 259 | 489 | 642 | 1,712 | 12 | 2,792 | 2,478 | 6,610 | 2,667 | 1.31 | 1,888 |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Jersey: | 1,829 | 5,685 | 1,666 | 3,058 | 4,914 | 17,167 | 301 | 3,108 | 2,950 | 10,304 | 3,493 | 1.61 | 1,836 |
| | 1,199 | 4,989 | 1,054 | 2,029 | 4,035 | 18,240 | 247 | 4,161 | 3,828 | 17,306 | 4,520 | 1.99 | 1,925 |
| | 1,306 | n.a. | 1,148 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 1,178 | n.a. | 1,021 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| New York: | 588 | 1,763 | 503 | 962 | 1,520 | 3,626 | 16 | 2,998 | 3,022 | 7,209 | 2,386 | 1.58 | 1,912 |
| | 330 | 973 | 293 | 536 | 814 | 2,935 | 68 | 2,948 | 2,778 | 10,017 | 3,606 | 1.52 | 1,829 |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65--Con.

| TOBACCO MANUFACTURES | | | | | | | | | | | | | |
|----------------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------|----------------------------------|--|--------------------------------------|----------------------------------|--|
| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Capital expenditures (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker (\$) | Annual man-hours per production worker |
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | | |
| North Carolina: | | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 29,187 | 133,852 | 25,745 | 50,360 | 111,067 | 849,989 | 24,980 | 4,586 | 4,314 | 33,016 | 7,653 | 2.21 | 1,956 |
| 1964..... | 27,551 | 129,633 | 24,579 | 47,683 | 109,375 | 871,576 | 15,622 | 4,705 | 4,450 | 35,460 | 7,969 | 2.29 | 1,940 |
| 1965..... | 26,341 | 129,147 | 23,576 | 44,095 | 108,563 | 858,754 | 24,482 | 4,903 | 4,605 | 36,425 | 7,910 | 2.46 | 1,870 |
| Ohio: | | | | | | | | | | | | | |
| 1958..... | 1,495 | 4,514 | 1,324 | 2,194 | 3,430 | 11,318 | 115 | 3,019 | 2,591 | 8,548 | 3,300 | 1.56 | 1,657 |
| 1963..... | 1,118 | 4,060 | 947 | 1,802 | 3,153 | 12,975 | n.a. | 3,631 | 3,329 | 13,701 | 4,115 | 1.75 | 1,902 |
| 1964..... | *1,059 | *4,156 | *868 | *1,762 | *3,002 | *11,321 | n.a. | 3,924 | 3,459 | 13,043 | 3,771 | 1.70 | 2,030 |
| 1965..... | 1,072 | 4,313 | 848 | 1,694 | 2,949 | 13,927 | n.a. | 4,023 | 3,478 | 16,423 | 4,723 | 1.74 | 1,998 |
| Pennsylvania: | | | | | | | | | | | | | |
| 1958..... | 13,079 | 37,567 | 12,009 | 22,712 | 32,341 | 89,909 | 3,788 | 2,872 | 2,693 | 7,487 | 2,780 | 1.42 | 1,891 |
| 1963..... | 9,524 | 32,017 | 8,713 | 16,546 | 27,073 | 101,662 | 1,367 | 3,362 | 3,107 | 11,668 | 3,755 | 1.64 | 1,899 |
| 1964..... | 11,046 | 40,382 | 10,274 | 21,230 | 35,056 | 128,107 | 4,138 | 3,656 | 3,412 | 12,469 | 3,654 | 1.65 | 2,066 |
| 1965..... | 9,996 | 37,995 | 9,304 | 17,715 | 31,868 | 129,951 | 6,465 | 3,801 | 3,425 | 13,967 | 4,078 | 1.80 | 1,904 |
| South Carolina: | | | | | | | | | | | | | |
| 1958..... | 1,343 | 3,788 | 1,240 | 2,259 | 3,302 | 8,388 | n.a. | 2,820 | 2,662 | 6,765 | 2,540 | 1.46 | 1,822 |
| 1963..... | 1,442 | 4,328 | 1,320 | 2,124 | 3,458 | 8,787 | 496 | 3,001 | 2,620 | 6,657 | 2,541 | 1.63 | 1,609 |
| 1964..... | 1,382 | 4,797 | 1,260 | 2,283 | 3,968 | 10,139 | 926 | 3,471 | 3,149 | 8,047 | 2,555 | 1.74 | 1,811 |
| 1965..... | 1,137 | 4,267 | 1,013 | 1,792 | 3,402 | 8,689 | 714 | 3,753 | 3,358 | 8,577 | 2,554 | 1.90 | 1,769 |
| Tennessee: | | | | | | | | | | | | | |
| 1958..... | 1,153 | 3,415 | 1,006 | 1,787 | 2,456 | 17,704 | 100 | 2,962 | 2,441 | 17,598 | 7,208 | 1.37 | 1,776 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Virginia: | | | | | | | | | | | | | |
| 1958..... | 13,404 | 51,056 | 11,967 | 22,446 | 42,700 | 265,346 | 6,786 | 3,809 | 3,568 | 22,173 | 6,214 | 1.90 | 1,876 |
| 1963..... | 13,740 | 62,548 | 11,892 | 21,922 | 49,361 | 308,014 | 14,278 | 4,552 | 4,151 | 25,901 | 6,240 | 2.25 | 1,843 |
| 1964..... | 13,898 | 67,911 | 11,922 | 23,007 | 54,114 | 319,790 | 18,523 | 4,886 | 4,539 | 26,824 | 5,910 | 2.35 | 1,930 |
| 1965..... | 13,453 | 70,223 | 11,443 | 21,161 | 54,013 | 316,765 | 13,336 | 5,220 | 4,720 | 27,682 | 5,865 | 2.55 | 1,849 |
| West Virginia: | | | | | | | | | | | | | |
| 1958..... | 848 | 2,850 | 720 | 1,266 | 2,011 | 7,390 | 253 | 3,361 | 2,793 | 10,264 | 3,675 | 1.59 | 1,758 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Wisconsin: | | | | | | | | | | | | | |
| 1958..... | 80 | 238 | 71 | 123 | 167 | 362 | 21 | 2,975 | 2,352 | 5,098 | 2,168 | 1.36 | 2,352 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-2.--CAPITAL EXPENDITURES AND SELECTED RATIOS, FOOD AND TOBACCO, BY STATE, 1958 AND 1963-65

| | Capital expenditures (million dollars) | | | | | Average annual capital expenditures per M dollars of value added 1963-65 (\$) | Average annual capital expenditures per pro- duction worker 1963-65 (\$) | Percent of total capital expenditures, by state, 1963-65 |
|---|---|---------|---------|---------|------------------|---|--|--|
| | 1958 | 1963 | 1964 | 1965 | Total 1963-65 | | | |
| Food and Kindred Products: United States, total..... | *1,021.2 | 1,228.6 | 1,412.9 | 1,475.6 | 4,117.1 | 60 | 1,251 | 100.0 |
| Alabama..... | 10.7 | 13.1 | 13.7 | 17.7 | 44.6 | 69 | 1,087 | 1.1 |
| Alaska..... | (*) | 1.7 | 2.6 | 2.9 | 7.2 | 54 | 1,078 | 0.2 |
| Arkansas..... | 5.6 | 11.0 | 9.7 | 25.3 | 46.0 | 87 | 1,098 | 1.1 |
| California..... | 98.9 | 149.4 | 133.7 | 150.4 | 433.5 | 57 | 1,339 | 10.5 |
| Colorado..... | 10.2 | 24.0 | 18.9 | 23.2 | 66.1 | 82 | 1,729 | 1.6 |
| Connecticut..... | 5.9 | 7.7 | 6.5 | 16.0 | 30.3 | 58 | 1,612 | 0.7 |
| Delaware..... | 3.4 | 22.8 | 26.0 | 12.9 | 61.7 | 224 | 3,806 | 1.5 |
| District of Columbia.. | 2.9 | 1.9 | 2.8 | 4.2 | 8.9 | 50 | 1,514 | 0.2 |
| Florida..... | 18.6 | 34.2 | 28.7 | 38.7 | 101.6 | 67 | 1,297 | 2.5 |
| Georgia..... | 31.7 | 22.9 | 29.9 | 25.4 | 78.1 | 56 | 899 | 1.9 |
| Hawaii..... | (*) | 11.4 | 13.7 | 14.7 | 39.9 | 78 | 1,141 | 1.0 |
| Idaho..... | 7.2 | 7.6 | 14.8 | 15.4 | 37.8 | 103 | 1,480 | 0.9 |
| Illinois..... | 77.2 | 108.9 | 119.1 | 152.2 | 380.1 | 58 | 1,570 | 9.2 |
| Indiana..... | 30.2 | 30.0 | 33.7 | 51.2 | 114.9 | 56 | 1,276 | 2.8 |
| Iowa..... | 34.7 | 39.2 | 49.6 | 41.3 | 130.0 | 63 | 1,243 | 3.2 |
| Kansas..... | 12.0 | 12.4 | 20.8 | 11.8 | 45.0 | 59 | 1,045 | 1.1 |
| Kentucky..... | 17.8 | 16.5 | 15.1 | 25.0 | 56.6 | 40 | 1,226 | 1.4 |
| Louisiana..... | 15.6 | 29.8 | 32.5 | 17.1 | 79.4 | 73 | 1,328 | 1.9 |
| Maine..... | 4.9 | 5.7 | 7.1 | 16.2 | 29.1 | 85 | 1,069 | 0.7 |
| Maryland..... | 14.6 | 15.5 | 20.7 | 23.5 | 59.7 | 44 | 826 | 1.4 |
| Massachusetts..... | 20.1 | 22.9 | 31.7 | 29.6 | 84.3 | 54 | 1,086 | 2.0 |
| Michigan..... | 34.9 | 42.1 | 45.6 | 55.1 | 142.8 | 61 | 1,352 | 3.5 |
| Minnesota..... | 31.3 | 30.4 | 37.3 | 33.4 | 101.2 | 56 | 958 | 2.5 |
| Mississippi..... | 7.6 | 8.1 | 14.9 | 10.5 | 33.6 | 80 | 11,114 | 0.8 |
| Missouri..... | 27.1 | 37.1 | 55.8 | 38.3 | 131.1 | 66 | 1,349 | 3.2 |
| Montana..... | 2.1 | 2.9 | 2.9 | 2.9 | 8.6 | 57 | 1,106 | 0.2 |
| Nebraska..... | 13.5 | 16.4 | 11.9 | 23.2 | 51.5 | 50 | 1,091 | 1.3 |
| Nevada..... | 0.7 | 0.8 | 0.5 | 0.8 | 2.0 | NA | NA | 0.1 |
| New Hampshire..... | 2.6 | 1.6 | 0.6 | 2.9 | 5.1 | 50 | 1,054 | 0.1 |
| New Jersey..... | 41.1 | 55.5 | 41.5 | 60.6 | 157.6 | 50 | 1,268 | 3.8 |
| New Mexico..... | 2.2 | 2.5 | 2.1 | 2.4 | 6.9 | 65 | 1,116 | 0.2 |
| New York..... | 83.6 | 82.8 | 90.2 | 100.9 | 273.8 | 50 | 1,113 | 6.7 |
| North Carolina..... | 16.4 | 20.3 | 20.6 | 28.6 | 69.4 | 21 | 363 | 1.7 |
| North Dakota..... | 2.1 | 5.6 | 14.9 | 1.6 | 22.1 | 209 | 3,903 | 0.5 |
| Ohio..... | 47.9 | 50.5 | 45.9 | 62.4 | 158.8 | 48 | 1,174 | 3.9 |
| Oklahoma..... | 8.2 | 11.0 | 8.0 | 8.4 | 27.5 | 60 | 1,083 | 0.7 |
| Oregon..... | 11.2 | 13.5 | 11.0 | 10.0 | 34.5 | 46 | 777 | 0.8 |
| Pennsylvania..... | 61.3 | 67.5 | 80.3 | 93.6 | 241.4 | 57 | 1,143 | 5.9 |
| Rhode Island..... | 3.2 | 3.6 | 2.4 | 6.2 | 12.2 | 61 | 1,279 | 0.3 |
| South Carolina..... | 4.3 | 7.4 | 4.5 | 8.5 | 20.4 | 68 | 1,099 | 0.5 |
| South Dakota..... | 3.1 | 4.4 | 8.1 | 3.8 | 16.2 | 57 | 952 | 0.4 |
| Tennessee..... | 15.9 | 20.2 | 20.9 | 23.7 | 64.8 | 73 | 1,071 | 1.6 |
| Texas..... | 42.0 | 73.8 | 73.3 | 68.7 | 215.8 | 73 | 1,486 | 5.2 |
| Utah..... | 4.1 | 5.1 | 4.5 | 4.9 | 14.4 | 51 | 873 | 0.4 |
| Vermont..... | 1.5 | 1.6 | 2.4 | 0.7 | 4.8 | 46 | 926 | 0.1 |

Table II-2.--CAPITAL EXPENDITURES AND SELECTED RATIOS, FOOD AND TOBACCO, BY STATE, 1958 AND 1963-65--Continued

| | Capital expenditures (million dollars) | | | | Average annual capital expenditures per M dollars of value added 1963-65 (\$) | Average annual capital expenditures per pro- duction worker 1963-65 (\$) | Percent of total capital expenditures, by state, 1963-65 |
|--|---|------|------|------|---|--|--|
| | 1958 | 1963 | 1964 | 1965 | Total 1963-65 | | |
| Food and Kindred Products-- continued | | | | | | | |
| Virginia..... | 14.2 | 17.4 | 18.9 | 25.6 | 61.8 | 960 | 1.5 |
| Washington..... | 15.4 | 16.2 | 13.8 | 22.4 | 52.4 | 942 | 1.3 |
| West Virginia..... | 5.0 | 3.5 | 3.3 | 3.8 | 10.6 | 922 | 0.3 |
| Wisconsin..... | 35.5 | 49.6 | 47.0 | 47.0 | 143.6 | 1,146 | 3.5 |
| Wyoming..... | 0.6 | 1.1 | 0.9 | 1.9 | 3.9 | 1,260 | 0.1 |
| Tobacco Manufactures: | | | | | | | |
| United States, total..... | 48.4 | 51.0 | 54.2 | 56.0 | 161.2 | 832 | 100.0 |
| Florida..... | 0.8 | 0.7 | 1.9 | 1.3 | 3.9 | 260 | 2.4 |
| Kentucky..... | 9.4 | 9.1 | 13.1 | 9.7 | 32.0 | 1,168 | 19.8 |
| Pennsylvania..... | 3.8 | 1.4 | 4.1 | 6.5 | 12.0 | 423 | 7.4 |
| North Carolina..... | (D) | 25.0 | 15.6 | 24.5 | 65.1 | 890 | 40.4 |
| South Carolina..... | (D) | 0.5 | 0.9 | 0.7 | 2.1 | 594 | 1.8 |
| Virginia..... | 6.8 | 14.3 | 18.5 | 13.3 | 46.1 | 1,226 | 28.6 |

* Alaska and Hawaii were not States in 1958, therefore, data are excluded for these areas.
 (D) Data withheld to avoid disclosure. Data for other States have been omitted because of disclosure prohibitions.

Table II-3a.--INPUT-OUTPUT DATA, 1958*

FOOD AND KINDRED PRODUCTS (SIC 20)

| (Column A) Purchases by Food and Kindred Products Industries | | (Column B) Sales by Food and Kindred Products Industries | |
|---|---------|---|---------|
| Purchases from industry: | Percent | Sales to industry: | Percent |
| Agriculture..... | 32.8 | Agriculture..... | 4.6 |
| Mining..... | 0.1 | Mining..... | 0.0 |
| Construction..... | 0.4 | Construction..... | 0.0 |
| Food and Kindred Products..... | 16.3 | Food and Kindred Products..... | 16.3 |
| Other Manufacturing..... | 7.1 | Other Manufacturing..... | 0.9 |
| Transportation, Communications and Public Services | 4.8 | Transportation, Communications and Public Services | 0.2 |
| Wholesale and Retail Trade..... | 3.7 | Wholesale and Retail Trade..... | 0.8 |
| Finance, Insurance and Real Estate..... | 1.0 | Finance, Insurance and Real Estate..... | 0.1 |
| Services..... | 3.1 | Services..... | 0.3 |
| Other Industries..... | 1.1 | Other Industries..... | 3.4 |
| Gross Imports..... | 4.1 | | |
| Total purchases from industry..... | 74.5 | Total sales to industry..... | 26.6 |
| Value added..... | 25.5 | Final demand: | |
| | | Personal Consumption Expenditures..... | 70.5 |
| | | Gross Private Fixed Capital Formation..... | 0.0 |
| | | Net Inventory Changes..... | 0.4 |
| | | Gross Exports..... | 2.0 |
| | | Federal Government Purchases..... | 0.1 |
| | | State and Local Government Purchases..... | 0.1 |
| | | Total final demand..... | 73.4 |
| Total inputs..... | 100.0 | Total outputs..... | 100.0 |

| (Column C) Industry areas providing inputs and outputs | (Column D) Percent of food industries' purchases from each industry area | (Column E) Percent of each industry areas' output purchased by food industries | (Column F) Percent of food industries' total sales to each industry area | (Column G) Total requirements per dollar of final demand |
|---|---|---|---|---|
| Manufacturing: | Percent | Percent | Percent | Dollar |
| Food and Kindred Products..... | 16.3 | 16.3 | 16.3 | 1.26 |
| Metal Containers..... | 2.3 | 73.0 | 0.0 | 0.03 |
| Paperboard Containers and Boxes..... | 1.4 | 24.2 | 0.0 | 0.02 |
| Glass and Glass Products..... | 0.9 | 27.4 | 0.0 | 0.01 |
| Paper and Allied Products, Except Containers.. | 0.6 | 3.5 | 0.1 | 0.03 |
| Chemicals and Selected Chemical Products..... | 0.3 | 1.8 | 0.2 | 0.03 |
| Petroleum Refining and Related Industries..... | 0.4 | 1.6 | 0.0 | 0.03 |
| Primary Iron and Steel Manufacturing..... | 0.0 | 0.0 | 0.0 | 0.03 |
| Printing and Publishing..... | 0.2 | 1.0 | 0.0 | 0.02 |
| Nonmanufacturing: | | | | |
| Livestock and Livestock Products..... | 25.0 | 62.0 | 4.5 | 0.40 |
| Other Agricultural Products..... | 7.4 | 20.5 | 0.0 | 0.21 |
| Gross Imports..... | 4.1 | 18.4 | 0.0 | 0.07 |
| Transportation and Warehousing..... | 4.0 | 7.7 | 0.2 | 0.08 |
| Wholesale and Retail Trade..... | 3.7 | 2.5 | 0.8 | 0.09 |
| Business Services..... | 2.5 | 6.6 | 0.0 | 0.05 |
| Business Travel, Entertainment and Gifts..... | 0.5 | 5.2 | 3.0 | 0.01 |
| Real Estate and Rental..... | 0.4 | 0.4 | 0.1 | 0.05 |
| Finance and Insurance..... | 0.5 | 1.3 | 0.0 | 0.03 |
| Maintenance and Repair Construction..... | 0.4 | 1.4 | 0.0 | 0.02 |
| Electric, Gas, Water and Sanitary Services.... | 0.5 | 1.8 | 0.0 | 0.02 |
| Agricultural, Forestry and Fishery Services... | 0.0 | 0.0 | 0.0 | 0.02 |
| Crude Petroleum and Natural Gas..... | 0.0 | 0.0 | 0.0 | 0.02 |
| Automobile Repair and Services..... | 0.4 | 3.6 | 0.0 | 0.01 |

*The percentages shown in the schedule are derived from coefficient relationships of interindustry transactions found in the Input-Output Matrix constructed by the Office of Business Economics for the year 1958. The percentages shown as 0.0% (zero) were items that did not round to .1% (one tenth of one percent). Refer to Appendix 2 for explanation of the method and terms used in the schedule.

Table II-3b.--INPUT-OUTPUT DATA, 1958*

TOBACCO MANUFACTURES (SIC 21)

| (Column A) Purchases by tobacco manufactures | | (Column B) Sales by tobacco manufactures | |
|--|---------|--|---------|
| | Percent | | Percent |
| Purchases from industry: | | Sales to industry: | |
| Agriculture..... | 18.3 | Agriculture..... | 0.0 |
| Mining..... | 0.0 | Mining..... | 0.0 |
| Construction..... | 0.0 | Construction..... | 0.0 |
| Tobacco Manufactures..... | 19.2 | Tobacco Manufactures..... | 19.2 |
| Other Manufacturing..... | 6.0 | Other Manufacturing..... | 0.0 |
| Transportation, Communications and Public Services | 1.4 | Transportation, Communications and Public Services | 0.0 |
| Wholesale and Retail Trade..... | 1.4 | Wholesale and Retail Trade..... | 0.1 |
| Finance, Insurance and Real Estate..... | 0.3 | Finance, Insurance and Real Estate..... | 0.0 |
| Services..... | 4.7 | Services..... | 0.0 |
| Other Industries..... | .3 | Other Industries..... | 2.4 |
| Gross Imports..... | 0.4 | | |
| Total purchases from industry..... | 52.0 | Total sales to industry..... | 21.7 |
| Value added..... | 48.0 | Final demand: | |
| | | Personal Consumption Expenditures..... | 71.4 |
| | | Gross Private Fixed Capital Formation..... | 0.0 |
| | | Net Inventory Changes..... | 0.4 |
| | | Gross Exports..... | 7.3 |
| | | Federal Government Purchases..... | 0.0 |
| | | State and Local Government Purchases..... | 0.0 |
| | | Total final demand..... | 78.3 |
| Total inputs..... | 100.0 | Total outputs..... | 100.0 |

| (Column C) Industry areas providing inputs and outputs | (Column D) Percent of tobacco industries' purchased from each industry area | (Column E) Percent of each industry areas' output sold to tobacco manufacturing | (Column F) Percent of tobacco manufacturers' total sales to each industry area | (Column G) Total requirements per dollar of final demand |
|---|--|--|---|---|
| | Percent | Percent | Percent | Dollar |
| Manufacturing: | | | | |
| Tobacco Manufactures..... | 19.2 | 19.2 | 19.2 | 1.24 |
| Plastics and Synthetic Materials..... | 1.8 | 2.5 | 0.0 | 0.03 |
| Paperboard Containers and Boxes..... | 1.2 | 1.9 | 0.0 | 0.02 |
| Paper and Allied Products, Except Containers.. | 1.2 | 0.7 | 0.0 | 0.04 |
| Food and Kindred Products..... | 0.6 | 0.1 | 0.0 | 0.02 |
| Chemicals and Selected Products..... | 0.1 | 0.0 | 0.0 | 0.03 |
| Printing and Publishing..... | 0.2 | 0.1 | 0.0 | 0.03 |
| Petroleum Refining and Related Industries..... | 0.0 | 0.0 | 0.0 | 0.02 |
| Nonmanufacturing: | | | | |
| Other Agricultural Products..... | 18.3 | 4.7 | 0.0 | 0.25 |
| Business Services..... | 4.5 | 1.1 | 0.0 | 0.08 |
| Wholesale and Retail Trade..... | 1.4 | 0.1 | 0.1 | 0.04 |
| Transportation and Warehousing..... | 1.2 | 0.2 | 0.0 | 0.03 |
| Business Travel, Entertainment and Gifts..... | 0.2 | 0.2 | 2.4 | 0.01 |
| Real Estate and Rental..... | 0.1 | 0.0 | 0.0 | 0.03 |
| Livestock and Livestock Products..... | 0.0 | 0.0 | 0.0 | 0.03 |
| Gross Imports..... | 0.4 | 0.2 | 0.0 | 0.02 |
| Finance and Insurance..... | 0.2 | 0.0 | 0.0 | 0.01 |
| Maintenance and Repair Construction..... | 0.0 | 0.0 | 0.0 | 0.01 |
| Electric, Gas, Water and Sanitary Services.... | 0.1 | 0.0 | 0.0 | 0.01 |

*The percentages shown in the schedule are derived from coefficient relationships of interindustry transactions found in the Input-Output Matrix constructed by the Office of Business Economics for the year 1958. The percentages shown as 0.0% (zero) were items that did not round to .1% (one tenth of one percent). Refer to Appendix 2 for explanation of the method and terms used in the schedule.

Table II-4.--NUMBER OF COMPANIES AND ESTABLISHMENTS, FOOD AND TOBACCO, BY FOUR-DIGIT INDUSTRIES, 1963

| SIC code | Title | Number of companies | Number of establishments | |
|---------------------------|---------------------------------------|---------------------------|--------------------------|-------------------------|
| | | | Total | 20 or more employees |
| Food and Kindred Products | | | | |
| 2011 | Meat Packing Plants..... | 2,833 | 2,992 | 976 |
| 2013 | Meat Processing Plants..... | 1,273 | 1,341 | 483 |
| 2015 | Poultry Dressing Plants..... | 842 | 967 | 559 |
| 2021 | Creamery Butter..... | 725 | 766 | 178 |
| 2022 | Natural and Process Cheese..... | 982 | 1,138 | 206 |
| 2023 | Condensed and Evaporated Milk..... | 167 | 281 | 166 |
| 2024 | Ice Cream and Frozen Desserts..... | 901 | 1,081 | 387 |
| 2026 | Fluid Milk..... | 4,030 | 4,619 | 1,948 |
| 2031 | Canned and Cured Seafoods..... | 345 | 405 | 196 |
| 2032 | Canned Specialties..... | 154 | 173 | 77 |
| 2033 | Canned Fruits and Vegetables..... | 1,135 | 1,430 | 836 |
| 2034 | Dehydrated Food Products..... | 126 | 176 | 80 |
| 2035 | Pickles, Sauces, Salad Dressings..... | 541 | 588 | 184 |
| 2036 | Fresh and Frozen Packaged Fish..... | 528 | 547 | 255 |
| 2037 | Frozen Fruits and Vegetables..... | 566 | 650 | 346 |
| 2041 | Flour Mills..... | 510 | 618 | 218 |
| 2042 | Prepared Animal Feeds..... | 2,150 | 2,590 | 711 |
| 2043 | Cereal Preparations..... | 35 | 48 | 30 |
| 2044 | Rice Milling..... | 62 | 74 | 49 |
| 2045 | Blended and Prepared Flour..... | 140 | 165 | 60 |
| 2046 | Wet Corn Milling..... | 49 | 60 | 20 |
| 2051 | Bread and Related Products..... | 4,339 | 5,010 | 1,904 |
| 2052 | Biscuit, Crackers and Cookies..... | 286 | 356 | 208 |
| 2061 | Raw Cane Sugar..... | 50 | 74 | 73 |
| 2062 | Cane Sugar Refining..... | 16 | 25 | 25 |
| 2063 | Beet Sugar..... | 11 | 65 | 62 |
| 2071 | Confectionery Products..... | 1,142 | 1,211 | 411 |
| 2072 | Chocolate and Cocoa Products..... | 24 | 28 | 23 |
| 2073 | Chewing Gum..... | 20 | 24 | 17 |
| 2082 | Malt Liquors..... | 171 | 222 | 180 |
| 2083 | Malt..... | 29 | 42 | 31 |
| 2084 | Wines and Brandy..... | 194 | 222 | 70 |
| 2085 | Distilled Liquor, except Brandy..... | 70 | 107 | 89 |
| 2086 | Bottled and Canned Soft Drinks..... | 3,569 | 3,905 | 1,530 |
| 2087 | Flavorings..... | 492 | 520 | 97 |
| 2091 | Cottonseed Oil Mills..... | 115 | 188 | 153 |
| 2092 | Soybean Oil Mills..... | 68 | 102 | 71 |
| 2093 | Vegetable Oil Mills, n.e.c..... | 39 | 47 | 22 |
| 2094 | Animal and Marine Fats and Oils..... | 65 | 615 | 211 |
| 2095 | Roasted Coffee..... | 261 | 324 | 133 |
| 2096 | Shortening and Cooking Oils..... | 65 | 115 | 86 |
| 2097 | Manufactured Ice..... | 862 | 1,199 | 135 |
| 2098 | Macaroni and Spaghetti..... | 207 | 221 | 70 |
| 2099 | Food Preparations, n.e.c..... | 1,977 | 2,190 | 547 |
| Tobacco Manufactures | | | | |
| 2111 | Cigarettes..... | 7 | 14 | 14 |
| 2121 | Cigars..... | 164 | 193 | 82 |
| 2131 | Chewing and Smoking Tobacco..... | 45 | 51 | 25 |
| 2141 | Tobacco Stemming and Redrying..... | 59 | 136 | 110 |

TABLE II.5-GENERAL STATISTICS AND SELECTED RATIOS, FOOD AND TOBACCO,
BY FOUR-DIGIT INDUSTRY, 1958-1966

FOOD AND KINDRED PRODUCTS

SIC 2011 MEAT PACKING PLANTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 201,019 | 1,068,766 | 150,936 | 309,314 | 768,616 | 1,749,291 | 11,972,464 | 65,860 |
| 1959 | 197,342 | 1,102,039 | 149,669 | 312,744 | 797,792 | 1,834,004 | 11,810,356 | 67,538 |
| 1960 | 194,296 | 1,139,550 | 147,797 | 312,888 | 827,063 | 1,911,776 | 11,828,339 | 77,233 |
| 1961 | 189,351 | 1,144,248 | 143,473 | 303,047 | 828,406 | 1,890,265 | 11,938,722 | 75,530 |
| 1962 | 185,715 | 1,161,962 | 141,723 | 298,177 | 845,453 | 1,987,049 | 12,491,425 | 90,920 |
| 1963 | 180,873 | 1,146,947 | 138,356 | 289,294 | 847,025 | 1,908,309 | 12,435,454 | 80,235 |
| 1964 | 182,661 | 1,226,460 | 138,613 | 310,131 | 902,503 | 2,127,862 | 12,973,338 | 94,743 |
| 1965 | 180,292 | 1,214,043 | 137,243 | 286,777 | 885,786 | 2,059,764 | 13,931,487 | 101,090 |
| 1966 | 173,984 | 1,211,900 | 132,438 | 279,221 | 883,752 | 2,025,456 | 15,068,932 | 104,261 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 14.6 | 5,317 | 5,092 | 79,321 | 11,590 | 2.276 | 2.485 | 2,049 |
| 1959 | 15.5 | 5,584 | 5,330 | 78,910 | 12,254 | 2.299 | 2.551 | 2,090 |
| 1960 | 16.2 | 5,865 | 5,596 | 80,031 | 12,935 | 2.312 | 2.643 | 2,117 |
| 1961 | 15.8 | 6,043 | 5,774 | 83,212 | 13,175 | 2.282 | 2.734 | 2,112 |
| 1962 | 15.9 | 6,257 | 5,966 | 88,140 | 14,021 | 2.350 | 2.835 | 2,104 |
| 1963 | 15.3 | 6,341 | 6,122 | 89,880 | 13,793 | 2.253 | 2.928 | 2,091 |
| 1964 | 16.4 | 6,714 | 6,511 | 93,594 | 15,351 | 2.358 | 2.910 | 2,237 |
| 1965 | 14.8 | 6,734 | 6,454 | 101,510 | 15,008 | 2.325 | 3.089 | 2,090 |
| 1966 | 13.4 | 6,966 | 6,673 | 113,781 | 15,294 | 2.292 | 3.165 | 2,108 |

SIC 2013 MEAT PROCESSING PLANTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 48,586 | 236,915 | 36,460 | 74,096 | 161,807 | 442,058 | 2,066,257 | 17,237 |
| 1959 | 49,482 | 247,779 | 38,289 | 76,630 | 168,951 | 461,372 | 2,005,377 | 14,010 |
| 1960 | 48,444 | 254,582 | 38,403 | 76,834 | 173,818 | 461,463 | 2,007,869 | 20,063 |
| 1961 | 46,462 | 257,066 | 36,380 | 72,972 | 171,138 | 458,308 | 2,048,210 | 17,289 |
| 1962 | 46,913 | 268,121 | 36,559 | 73,265 | 179,903 | 492,717 | 2,133,734 | 19,330 |
| 1963 | 48,599 | 289,405 | 36,351 | 75,964 | 195,232 | 563,362 | 2,130,275 | 21,425 |
| 1964 | 50,853 | 314,544 | 37,979 | 81,545 | 212,979 | 596,869 | 2,296,625 | 29,776 |
| 1965 | 48,961 | 307,805 | 36,620 | 75,292 | 205,124 | 607,345 | 2,323,110 | 51,640 |
| 1966 | 48,353 | 316,621 | 35,591 | 74,660 | 208,319 | 624,645 | 2,502,357 | 33,250 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 21.4 | 4,876 | 4,438 | 56,672 | 12,124 | 2.732 | 2.184 | 2,032 |
| 1959 | 23.0 | 5,007 | 4,413 | 52,375 | 12,050 | 2.731 | 2.205 | 2,001 |
| 1960 | 23.0 | 5,255 | 4,526 | 52,284 | 12,016 | 2.655 | 2.262 | 2,001 |
| 1961 | 22.4 | 5,533 | 4,704 | 56,300 | 12,598 | 2.678 | 2.345 | 2,006 |
| 1962 | 23.1 | 5,715 | 4,921 | 58,364 | 13,477 | 2.739 | 2.456 | 2,004 |
| 1963 | 26.4 | 5,955 | 5,371 | 58,603 | 15,498 | 2.886 | 2.570 | 2,090 |
| 1964 | 26.0 | 6,185 | 5,608 | 60,471 | 15,716 | 2.802 | 2.612 | 2,147 |
| 1965 | 26.1 | 6,287 | 5,601 | 63,438 | 16,585 | 2.961 | 2.724 | 2,056 |
| 1966 | 25.0 | 6,548 | 5,853 | 70,309 | 17,551 | 2.999 | 2.790 | 2,098 |

SIC 2015 POULTRY DRESSING PLANTS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 62,389 | 160,813 | 56,143 | 104,188 | 131,985 | 310,572 | 1,888,166 | 28,079 |
| 1959 | 66,309 | 171,666 | 61,058 | 111,036 | 140,895 | 331,416 | 1,897,891 | 24,481 |
| 1960 | 67,792 | 178,139 | 62,724 | 112,404 | 147,307 | 369,074 | 2,053,815 | 22,974 |
| 1961 | 71,097 | 193,996 | 65,493 | 122,003 | 160,416 | 366,767 | 2,083,963 | 19,176 |
| 1962 | 66,916 | 190,179 | 61,921 | 115,234 | 156,696 | 374,421 | 2,078,248 | 19,261 |
| 1963 | 70,104 | 204,400 | 63,817 | 120,167 | 169,920 | 410,909 | 2,240,871 | 34,306 |
| 1964 | 71,345 | 218,800 | 64,838 | 123,610 | 181,527 | 422,153 | 2,329,534 | 21,297 |
| 1965 | 72,215 | 232,035 | 65,450 | 127,444 | 191,921 | 465,806 | 2,490,247 | 31,904 |
| 1966 | 75,179 | 263,179 | 68,242 | 134,101 | 216,961 | 559,265 | 2,754,117 | 43,644 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| 1958 | 16.4 | 2,578 | 2,351 | 33,631 | 5,532 | 2.353 | 1.267 | 1,856 |
| 1959 | 17.5 | 2,589 | 2,308 | 31,083 | 5,428 | 2.352 | 1.269 | 1,819 |
| 1960 | 18.0 | 2,628 | 2,348 | 32,744 | 5,884 | 2.505 | 1.311 | 1,792 |
| 1961 | 17.6 | 2,729 | 2,449 | 31,820 | 5,600 | 2.286 | 1.315 | 1,863 |
| 1962 | 18.0 | 2,842 | 2,531 | 33,563 | 6,047 | 2.389 | 1.360 | 1,861 |
| 1963 | 18.3 | 2,916 | 2,663 | 35,114 | 6,439 | 2.418 | 1.414 | 1,883 |
| 1964 | 18.1 | 3,067 | 2,800 | 35,929 | 6,511 | 2.326 | 1.469 | 1,906 |
| 1965 | 18.7 | 3,213 | 2,932 | 38,048 | 7,117 | 2.427 | 1.506 | 1,947 |
| 1966 | 20.3 | 3,501 | 3,179 | 40,358 | 8,195 | 2.578 | 1.618 | 1,965 |

SIC 2021 CREAMERY BUTTER

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 17,295 | 62,895 | 12,294 | 25,561 | 42,314 | 147,207 | 1,023,460 | 17,094 |
| 1959 | 17,304 | 66,809 | 12,454 | 27,420 | 45,195 | 151,529 | 1,062,626 | 16,141 |
| 1960 | 16,809 | 67,562 | 11,882 | 27,623 | 45,821 | 154,331 | 1,108,237 | 12,505 |
| 1961 | 16,124 | 70,990 | 10,713 | 27,957 | 48,779 | 158,328 | 1,218,847 | 19,620 |
| 1962 | 15,797 | 73,612 | 10,783 | 27,555 | 50,036 | 160,876 | 1,294,409 | N.A. |
| 1963 | 11,992 | 52,870 | 8,607 | 19,471 | 36,959 | 132,665 | 988,777 | 9,930 |
| 1964 | 11,256 | 52,851 | 8,001 | 19,116 | 35,596 | 160,805 | 1,080,360 | 16,089 |
| 1965 | 10,385 | 48,475 | 7,438 | 17,294 | 34,205 | 117,128 | 942,958 | 9,860 |
| 1966 | 9,425 | 46,499 | 6,963 | 16,273 | 33,343 | 125,729 | 975,584 | 10,181 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| 1958 | 14.4 | 3,637 | 3,442 | 83,249 | 11,974 | 3.479 | 1.655 | 2,079 |
| 1959 | 14.3 | 3,861 | 3,629 | 85,324 | 12,167 | 3.353 | 1.648 | 2,202 |
| 1960 | 13.9 | 4,019 | 3,856 | 93,270 | 12,989 | 3.368 | 1.659 | 2,325 |
| 1961 | 13.0 | 4,403 | 4,553 | 113,773 | 14,779 | 3.246 | 1.745 | 2,610 |
| 1962 | 12.4 | 4,660 | 4,640 | 120,042 | 14,919 | 3.215 | 1.816 | 2,555 |
| 1963 | 13.4 | 4,409 | 4,294 | 114,881 | 15,414 | 3.590 | 1.898 | 2,262 |
| 1964 | 14.9 | 4,695 | 4,449 | 135,028 | 20,098 | 4.518 | 1.862 | 2,389 |
| 1965 | 12.4 | 4,668 | 4,599 | 126,776 | 15,747 | 3.424 | 1.978 | 2,325 |
| 1966 | 12.9 | 4,934 | 4,789 | 140,110 | 18,057 | 3.771 | 2.049 | 2,337 |

SIC 2022 NATURAL & PROCESS CHEESE

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 17,032 | 62,989 | 14,120 | 28,485 | 49,838 | 133,021 | 873,614 | 13,739 |
| 1959 | 17,080 | 63,287 | 14,232 | 28,865 | 50,080 | 137,696 | 893,257 | 16,959 |
| 1960 | 18,159 | 68,877 | 15,037 | 31,140 | 54,073 | 161,114 | 993,997 | 10,158 |
| 1961 | 18,228 | 73,042 | 15,317 | 32,040 | 57,054 | 169,750 | 1,110,123 | 11,025 |
| 1962 | 17,594 | 73,316 | 14,814 | 30,203 | 56,909 | 174,961 | 1,106,982 | 12,105 |
| 1963 | 17,956 | 78,684 | 14,893 | 31,082 | 61,836 | 179,750 | 1,170,836 | 15,866 |
| 1964 | 17,943 | 82,845 | 14,718 | 31,490 | 64,256 | 190,628 | 1,225,637 | 11,825 |
| 1965 | 18,569 | 86,484 | 15,058 | 31,858 | 66,557 | 207,749 | 1,324,709 | 13,889 |
| 1966 | 19,341 | 94,458 | 15,619 | 34,460 | 72,403 | 246,048 | 1,552,250 | 13,383 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| 1958 | 15.2 | 3,698 | 3,530 | 61,871 | 9,421 | 2.669 | 1.750 | 2,017 |
| 1959 | 15.4 | 3,704 | 3,519 | 62,764 | 9,675 | 2.750 | 1.735 | 2,028 |
| 1960 | 16.2 | 3,793 | 3,596 | 66,103 | 10,715 | 2.980 | 1.736 | 2,071 |
| 1961 | 15.3 | 4,007 | 3,725 | 72,477 | 11,082 | 2.975 | 1.781 | 2,092 |
| 1962 | 15.8 | 4,167 | 3,842 | 74,725 | 11,811 | 3.074 | 1.884 | 2,039 |
| 1963 | 15.4 | 4,382 | 4,152 | 78,617 | 12,069 | 2.907 | 1.989 | 2,087 |
| 1964 | 15.6 | 4,617 | 4,366 | 83,275 | 12,952 | 2.967 | 2.041 | 2,140 |
| 1965 | 15.7 | 4,657 | 4,420 | 87,974 | 13,797 | 3.121 | 2.089 | 2,116 |
| 1966 | 15.9 | 4,884 | 4,636 | 99,382 | 15,753 | 3.398 | 2.101 | 2,206 |

SIC 2023 CONDENSED & EVAPORATED MILK

| YEAR | TOTAL EMPLOYMENT | PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|----------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | NUMBER | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 13,445 | 61,443 | 10,758 | 23,237 | 46,547 | 202,709 | 820,649 | 12,746 |
| 1959 | 13,332 | 63,707 | 11,079 | 23,201 | 48,382 | 217,727 | 850,667 | 13,596 |
| 1960 | 13,851 | 71,784 | 10,772 | 22,308 | 49,581 | 284,917 | 935,684 | 14,061 |
| 1961 | 13,196 | 67,908 | 10,411 | 21,283 | 48,326 | 265,401 | 1,036,830 | 14,320 |
| 1962 | 12,235 | 66,814 | 9,735 | 19,959 | 47,904 | 248,742 | 963,160 | 13,384 |
| 1963 | 12,255 | 66,990 | 9,533 | 20,068 | 50,413 | 236,250 | 937,925 | 12,113 |
| 1964 | 12,656 | 71,690 | 9,908 | 21,870 | 53,844 | 297,583 | 1,020,908 | 17,413 |
| 1965 | 12,514 | 73,065 | 9,780 | 20,801 | 53,836 | 285,093 | 1,050,055 | 21,151 |
| 1966 | 12,349 | 73,267 | 9,600 | 20,303 | 54,111 | 309,778 | 1,099,522 | 13,562 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 24.7 | 4,570 | 4,327 | 76,283 | 18,843 | 4.355 | 2.003 | 2,160 |
| 1959 | 25.6 | 4,779 | 4,367 | 76,782 | 19,652 | 4.500 | 2.085 | 2,094 |
| 1960 | 30.5 | 5,183 | 4,603 | 86,863 | 26,450 | 5.746 | 2.223 | 2,071 |
| 1961 | 25.6 | 5,146 | 4,642 | 99,590 | 25,492 | 5.492 | 2.271 | 2,044 |
| 1962 | 25.8 | 5,461 | 4,921 | 98,938 | 25,551 | 5.193 | 2.400 | 2,050 |
| 1963 | 25.2 | 5,466 | 5,288 | 98,387 | 24,782 | 4.686 | 2.512 | 2,105 |
| 1964 | 29.1 | 5,665 | 5,434 | 103,039 | 30,035 | 5.527 | 2.462 | 2,207 |
| 1965 | 27.2 | 5,839 | 5,505 | 107,368 | 29,151 | 5.296 | 2.588 | 2,127 |
| 1966 | 28.2 | 5,933 | 5,637 | 114,534 | 32,269 | 5.725 | 2.665 | 2,115 |

SIC 2024 ICE CREAM & FROZEN DESSERTS

| YEAR | TOTAL EMPLOYMENT | PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|----------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | NUMBER | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 34,795 | 153,950 | 18,673 | 37,673 | 72,442 | 394,686 | 951,499 | 26,150 |
| 1959 | 34,117 | 157,878 | 18,304 | 38,017 | 74,499 | 408,950 | 1,006,492 | 23,774 |
| 1960 | 34,922 | 163,763 | 17,516 | 36,432 | 73,560 | 427,706 | 1,048,302 | 24,836 |
| 1961 | 33,700 | 167,706 | 16,697 | 35,151 | 72,293 | 427,383 | 1,085,788 | 20,159 |
| 1962 | 32,571 | 168,290 | 16,079 | 34,552 | 73,178 | 432,308 | 1,092,730 | 26,370 |
| 1963 | 29,143 | 158,257 | 15,585 | 32,495 | 76,557 | 433,006 | 1,076,479 | 31,915 |
| 1964 | 27,835 | 157,187 | 14,663 | 30,668 | 75,769 | 443,131 | 1,090,099 | 30,585 |
| 1965 | 26,820 | 155,625 | 14,713 | 30,959 | 76,622 | 432,537 | 1,085,036 | 32,655 |
| 1966 | 28,473 | 162,971 | 14,358 | 30,634 | 81,077 | 431,136 | 1,142,223 | 26,730 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 41.5 | 4,424 | 3,880 | 50,956 | 21,137 | 5.448 | 1.923 | 2,018 |
| 1959 | 40.6 | 4,628 | 4,070 | 54,988 | 22,342 | 5.489 | 1.960 | 2,077 |
| 1960 | 40.8 | 4,689 | 4,200 | 59,848 | 24,418 | 5.814 | 2.019 | 2,080 |
| 1961 | 39.4 | 4,976 | 4,330 | 65,029 | 25,596 | 5.912 | 2.057 | 2,105 |
| 1962 | 39.6 | 5,167 | 4,551 | 67,960 | 26,886 | 5.908 | 2.118 | 2,149 |
| 1963 | 40.2 | 5,430 | 4,912 | 69,071 | 27,784 | 5.656 | 2.356 | 2,085 |
| 1964 | 40.7 | 5,647 | 5,167 | 74,344 | 30,221 | 5.848 | 2.471 | 2,092 |
| 1965 | 39.9 | 5,803 | 5,208 | 73,747 | 29,398 | 5.645 | 2.475 | 2,104 |
| 1966 | 37.7 | 5,724 | 5,647 | 79,553 | 30,028 | 5.318 | 2.647 | 2,134 |

SIC 2026 FLUID MILK

| YEAR | TOTAL EMPLOYMENT | PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|----------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | NUMBER | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 212,238 | 1,009,638 | 86,279 | 182,316 | 369,306 | 1,998,490 | 6,412,333 | 135,701 |
| 1959 | 207,421 | 1,108,080 | 83,645 | 177,946 | 365,557 | 2,124,705 | 6,649,282 | 147,856 |
| 1960 | 203,929 | 1,034,135 | 80,069 | 160,162 | 365,048 | 2,165,405 | 6,762,604 | 120,898 |
| 1961 | 199,422 | 1,027,638 | 75,030 | 153,527 | 361,485 | 2,189,788 | 6,834,521 | 117,612 |
| 1962 | 196,282 | 1,033,245 | 71,348 | 143,046 | 361,114 | 2,265,603 | 6,888,799 | 116,678 |
| 1963 | 185,050 | 1,032,879 | 68,577 | 149,014 | 358,770 | 2,203,196 | 7,025,892 | 126,147 |
| 1964 | 182,866 | 1,054,624 | 68,134 | 145,899 | 361,347 | 2,271,665 | 7,298,787 | 139,795 |
| 1965 | 178,387 | 1,053,974 | 63,400 | 136,520 | 348,911 | 2,259,150 | 7,185,149 | 114,615 |
| 1966 | 169,280 | 1,039,113 | 60,810 | 129,446 | 349,271 | 2,232,199 | 7,434,942 | 105,157 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 31.2 | 4,757 | 4,280 | 74,321 | 23,163 | 5.411 | 2.026 | 2,113 |
| 1959 | 32.0 | 5,342 | 4,370 | 79,494 | 25,401 | 5.812 | 2.054 | 2,127 |
| 1960 | 32.0 | 5,071 | 4,559 | 86,460 | 27,044 | 5.932 | 2.279 | 2,000 |
| 1961 | 32.0 | 5,153 | 4,818 | 91,091 | 29,185 | 6.058 | 2.355 | 2,046 |
| 1962 | 32.9 | 5,264 | 5,061 | 96,552 | 31,754 | 6.274 | 2.524 | 2,005 |
| 1963 | 31.4 | 5,582 | 5,232 | 102,453 | 32,127 | 6.141 | 2.408 | 2,173 |
| 1964 | 31.1 | 5,767 | 5,303 | 107,124 | 33,341 | 6.287 | 2.477 | 2,141 |
| 1965 | 31.4 | 5,908 | 5,503 | 113,330 | 35,633 | 6.475 | 2.556 | 2,153 |
| 1966 | 30.0 | 6,138 | 5,744 | 122,265 | 36,708 | 6.391 | 2.698 | 2,129 |

SIC 2031 CANNED & CURED SEAFOODS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 17,146 | 58,057 | 15,411 | 25,079 | 47,498 | 130,648 | 388,642 | 3,546 |
| 1959 | 15,395 | 51,909 | 13,947 | 23,262 | 41,437 | 119,310 | 352,476 | 7,720 |
| 1960 | 17,194 | 61,458 | 15,419 | 26,046 | 50,142 | 142,793 | 400,856 | 6,814 |
| 1961 | 16,512 | 59,113 | 14,979 | 24,683 | 46,865 | 146,607 | 401,734 | 7,806 |
| 1962 | 16,461 | 61,940 | 14,849 | 25,056 | 48,437 | 157,354 | 428,906 | 8,992 |
| 1963 | 17,271 | 66,231 | 15,453 | 25,522 | 52,609 | 174,634 | 452,454 | 6,296 |
| 1964 | 15,682 | 60,826 | 13,954 | 23,318 | 46,782 | 166,015 | 444,509 | 5,968 |
| 1965 | 16,068 | 66,508 | 14,384 | 24,636 | 53,172 | 190,831 | 492,386 | 6,315 |
| 1966 | 16,663 | 70,551 | 14,815 | 24,941 | 55,748 | 203,971 | 548,119 | 6,555 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|----------------------------|--------------------------------------|---|--|--|---|--|
| (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) |
| 1958 | 33.6 | 3,386 | 3,082 | 25,218 | 8,478 | 2,751 | 1,627 |
| 1959 | 33.8 | 3,372 | 2,971 | 25,273 | 8,555 | 2,879 | 1,668 |
| 1960 | 35.6 | 3,574 | 3,252 | 25,998 | 9,261 | 2,848 | 1,689 |
| 1961 | 36.5 | 3,580 | 3,129 | 26,820 | 9,788 | 3,128 | 1,648 |
| 1962 | 36.7 | 3,763 | 3,262 | 28,885 | 10,597 | 3,249 | 1,687 |
| 1963 | 38.6 | 3,835 | 3,404 | 29,279 | 11,301 | 3,319 | 1,652 |
| 1964 | 37.3 | 3,879 | 3,353 | 31,855 | 11,897 | 3,549 | 1,671 |
| 1965 | 38.8 | 4,139 | 3,697 | 34,232 | 13,267 | 3,589 | 1,713 |
| 1966 | 37.2 | 4,234 | 3,763 | 36,998 | 13,768 | 3,659 | 1,683 |

SIC 2032 CANNED SPECIALTIES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 24,186 | 109,479 | 19,496 | 41,562 | 81,397 | 340,847 | 846,881 | 16,492 |
| 1959 | 24,403 | 108,543 | 19,733 | 39,409 | 79,718 | 346,608 | 861,439 | 17,315 |
| 1960 | 25,066 | 116,116 | 20,296 | 40,156 | 83,292 | 428,666 | 989,191 | 14,158 |
| 1961 | 25,114 | 123,446 | 20,182 | 40,672 | 87,768 | 469,797 | 1,057,896 | 20,110 |
| 1962 | 25,270 | 126,752 | 20,312 | 40,432 | 90,648 | 473,030 | 1,085,812 | 23,775 |
| 1963 | 25,156 | 127,168 | 20,378 | 40,691 | 92,340 | 540,835 | 1,169,299 | 25,582 |
| 1964 | 25,735 | 134,989 | 20,833 | 41,604 | 97,477 | 564,877 | 1,230,606 | 23,962 |
| 1965 | 27,386 | 146,458 | 22,376 | 45,371 | 107,283 | 613,182 | 1,368,114 | 30,686 |
| 1966 | 28,861 | 156,834 | 23,663 | 47,193 | 114,856 | 645,326 | 1,456,911 | 40,822 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|----------------------------|--------------------------------------|---|--|--|---|--|
| (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) |
| 1958 | 40.2 | 4,527 | 4,175 | 43,439 | 17,483 | 4,187 | 2,132 |
| 1959 | 40.2 | 4,448 | 4,040 | 43,655 | 17,565 | 4,348 | 1,997 |
| 1960 | 43.3 | 4,632 | 4,104 | 48,738 | 21,121 | 5,147 | 1,979 |
| 1961 | 44.4 | 4,915 | 4,349 | 52,418 | 23,278 | 5,353 | 2,015 |
| 1962 | 43.6 | 5,016 | 4,463 | 53,457 | 23,288 | 5,218 | 1,991 |
| 1963 | 46.3 | 5,055 | 4,531 | 57,380 | 26,540 | 5,857 | 1,997 |
| 1964 | 45.9 | 5,245 | 4,679 | 59,070 | 27,115 | 5,795 | 1,997 |
| 1965 | 44.8 | 5,348 | 4,795 | 61,142 | 27,404 | 5,716 | 2,028 |
| 1966 | 44.3 | 5,434 | 4,854 | 61,569 | 27,272 | 5,619 | 1,994 |

SIC 2033 CANNED FRUITS & VEGETABLES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 108,414 | 340,299 | 95,821 | 180,383 | 269,889 | 849,879 | 2,333,885 | 43,713 |
| 1959 | 107,021 | 354,943 | 95,557 | 183,583 | 282,133 | 898,633 | 2,335,463 | 43,527 |
| 1960 | 103,719 | 359,712 | 92,754 | 181,222 | 282,630 | 988,225 | 2,515,927 | 46,331 |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 102,388 | 382,057 | 90,749 | 168,188 | 303,485 | 1,029,467 | 2,742,787 | 66,574 |
| 1964 | 102,294 | 404,491 | 89,801 | 168,907 | 320,346 | 1,113,189 | 2,966,329 | 78,258 |
| 1965 | 100,623 | 407,118 | 88,131 | 166,064 | 317,790 | 1,179,176 | 2,982,006 | 74,520 |
| 1966 | 100,972 | 433,936 | 88,438 | 167,647 | 341,121 | 1,285,602 | 3,215,817 | 84,835 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|----------------------------|--------------------------------------|---|--|--|---|--|
| (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) |
| 1958 | 36.4 | 3,139 | 2,817 | 24,357 | 8,869 | 3,149 | 1,882 |
| 1959 | 38.0 | 3,317 | 2,953 | 24,441 | 9,300 | 3,150 | 1,921 |
| 1960 | 39.3 | 3,468 | 3,047 | 27,125 | 10,654 | 3,497 | 1,954 |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 37.5 | 3,731 | 3,344 | 30,224 | 11,344 | 3,392 | 1,853 |
| 1964 | 37.5 | 3,954 | 3,567 | 33,032 | 12,396 | 3,475 | 1,881 |
| 1965 | 39.5 | 4,046 | 3,606 | 33,836 | 13,380 | 3,711 | 1,884 |
| 1966 | 40.0 | 4,298 | 3,857 | 36,362 | 14,537 | 3,769 | 1,896 |

SIC 2034 DEHYDRATED FOOD PRODUCTS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 7,599 | 28,338 | 6,638 | 12,781 | 21,791 | 75,529 | 273,286 | 6,686 |
| 1959 | 7,978 | 30,858 | 6,842 | 13,193 | 23,217 | 79,420 | 263,886 | 7,798 |
| 1960 | 8,620 | 36,189 | 7,417 | 14,758 | 27,026 | 97,851 | 288,732 | 7,991 |
| 1961 | 9,325 | 38,352 | 8,115 | 15,163 | 29,237 | 103,805 | 304,414 | 7,172 |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 9,152 | 41,650 | 7,843 | 15,333 | 31,243 | 115,795 | 318,660 | 16,199 |
| 1964 | 9,169 | 42,529 | 7,809 | 15,196 | 32,076 | 127,645 | 321,182 | 10,415 |
| 1965 | 9,783 | 46,261 | 8,408 | 16,144 | 35,000 | 130,725 | 363,730 | 10,982 |
| 1966 | 10,063 | 48,991 | 8,609 | 16,873 | 37,830 | 161,676 | 395,171 | 14,074 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 27.6 | 3,729 | 3,283 | 41,170 | 11,378 | 3.466 | 1.705 | 1,925 |
| 1959 | 30.1 | 3,868 | 3,393 | 38,569 | 11,608 | 3.421 | 1.760 | 1,928 |
| 1960 | 33.9 | 4,198 | 3,644 | 38,928 | 13,193 | 3.621 | 1.831 | 1,990 |
| 1961 | 34.1 | 4,113 | 3,603 | 37,513 | 12,792 | 3.550 | 1.928 | 1,869 |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 36.3 | 4,551 | 3,984 | 40,630 | 14,764 | 3.706 | 2.038 | 1,955 |
| 1964 | 39.7 | 4,638 | 4,108 | 41,130 | 16,346 | 3.979 | 2.111 | 1,946 |
| 1965 | 35.9 | 4,729 | 4,163 | 43,260 | 15,548 | 3.735 | 2.168 | 1,920 |
| 1966 | 40.9 | 4,868 | 4,394 | 45,902 | 18,780 | 4.274 | 2.242 | 1,960 |

SIC 2035 PICKLES, SAUCES, SALAD DRESSINGS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 19,500 | 70,494 | 15,623 | 29,792 | 48,511 | 164,624 | 525,309 | 11,197 |
| 1959 | 19,428 | 77,119 | 15,154 | 29,249 | 51,523 | 181,431 | 564,400 | 13,096 |
| 1960 | 21,850 | 89,695 | 16,993 | 32,676 | 58,992 | 221,031 | 630,244 | 13,732 |
| 1961 | 21,794 | 92,430 | 17,409 | 33,987 | 63,389 | 237,704 | 694,345 | 12,618 |
| 1962 | 21,457 | 93,207 | 17,515 | 33,677 | 68,205 | 243,220 | 695,933 | 13,327 |
| 1963 | 19,041 | 83,713 | 15,426 | 29,891 | 58,295 | 249,397 | 677,268 | 10,967 |
| 1964 | 18,740 | 87,683 | 14,897 | 29,802 | 60,427 | 255,077 | 726,443 | 16,886 |
| 1965 | 19,735 | 91,100 | 15,857 | 31,126 | 61,656 | 280,255 | 783,975 | 11,033 |
| 1966 | 21,071 | 101,055 | 16,874 | 33,479 | 68,174 | 273,001 | 817,534 | 14,395 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 31.3 | 3,615 | 3,105 | 33,624 | 10,537 | 3.394 | 1.628 | 1,907 |
| 1959 | 32.1 | 3,969 | 3,400 | 37,244 | 11,972 | 3.521 | 1.762 | 1,930 |
| 1960 | 35.1 | 4,105 | 3,472 | 37,088 | 13,007 | 3.747 | 1.805 | 1,923 |
| 1961 | 34.2 | 4,241 | 3,641 | 39,884 | 13,654 | 3.750 | 1.865 | 1,952 |
| 1962 | 34.9 | 4,344 | 3,894 | 39,734 | 13,886 | 3.566 | 2.025 | 1,923 |
| 1963 | 36.8 | 4,396 | 3,779 | 43,904 | 16,167 | 4.278 | 1.950 | 1,938 |
| 1964 | 35.1 | 4,679 | 4,056 | 48,764 | 17,123 | 4.221 | 2.028 | 2,001 |
| 1965 | 35.7 | 4,616 | 3,888 | 49,440 | 17,674 | 4.545 | 1.981 | 1,963 |
| 1966 | 33.4 | 4,796 | 4,040 | 48,449 | 16,179 | 4.004 | 2.036 | 1,984 |

SIC 2036 FRESH & FROZEN PKG FISH

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 17,613 | 41,432 | 15,580 | 26,178 | 32,339 | 83,504 | 310,095 | 3,673 |
| 1959 | 17,983 | 42,722 | 15,887 | 30,236 | 32,816 | 89,729 | 316,955 | 6,927 |
| 1960 | 18,791 | 45,121 | 16,926 | 32,578 | 34,748 | 100,297 | 328,325 | 4,039 |
| 1961 | 17,068 | 44,060 | 15,176 | 28,260 | 33,817 | 104,100 | 331,243 | 3,423 |
| 1962 | 16,040 | 45,259 | 14,457 | 26,542 | 34,977 | 101,288 | 344,542 | 9,969 |
| 1963 | 20,066 | 56,471 | 17,936 | 32,147 | 44,619 | 118,451 | 391,174 | 6,095 |
| 1964 | 20,650 | 60,213 | 18,581 | 32,928 | 46,258 | 128,146 | 428,176 | 5,407 |
| 1965 | 18,745 | 62,005 | 16,868 | 29,675 | 47,228 | 138,339 | 464,178 | 6,164 |
| 1966 | 19,187 | 65,483 | 16,891 | 29,120 | 48,834 | 151,687 | 492,732 | 9,357 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 26.9 | 2,352 | 2,076 | 19,903 | 5,360 | 2.582 | 1.235 | 1,680 |
| 1959 | 28.3 | 2,376 | 2,066 | 19,951 | 5,648 | 2.734 | 1.085 | 1,903 |
| 1960 | 30.5 | 2,401 | 2,053 | 19,398 | 5,926 | 2.886 | 1.067 | 1,925 |
| 1961 | 31.4 | 2,581 | 2,228 | 21,827 | 6,860 | 3.078 | 1.197 | 1,862 |
| 1962 | 29.4 | 2,822 | 2,419 | 23,832 | 7,006 | 2.896 | 1.318 | 1,836 |
| 1963 | 30.3 | 2,814 | 2,488 | 21,809 | 6,604 | 2.655 | 1.380 | 1,792 |
| 1964 | 29.9 | 2,916 | 2,490 | 23,044 | 6,897 | 2.770 | 1.405 | 1,772 |
| 1965 | 29.8 | 3,308 | 2,800 | 27,518 | 8,201 | 2.929 | 1.592 | 1,759 |
| 1966 | 30.8 | 3,413 | 2,891 | 29,171 | 8,980 | 3.106 | 1.677 | 1,724 |

SIC 2037 FROZEN FRUITS & VEGETABLES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 39,528 | 126,804 | 34,138 | 66,278 | 96,858 | 323,789 | 1,025,877 | 20,952 |
| 1959 | 41,924 | 140,836 | 36,027 | 71,272 | 107,307 | 345,983 | 1,111,831 | 23,094 |
| 1960 | 43,810 | 154,533 | 37,787 | 75,767 | 119,869 | 401,988 | 1,206,571 | 28,676 |
| 1961 | 45,144 | 164,721 | 38,844 | 77,057 | 126,287 | 403,044 | 1,274,645 | 28,357 |
| 1962 | 45,399 | 175,122 | 38,563 | 77,396 | 132,996 | 428,801 | 1,323,731 | 40,099 |
| 1963 | 51,750 | 202,398 | 44,685 | 86,664 | 154,406 | 550,231 | 1,548,663 | 44,569 |
| 1964 | 53,553 | 218,462 | 46,277 | 91,435 | 168,829 | 560,550 | 1,651,639 | 49,951 |
| 1965 | 58,807 | 245,143 | 50,774 | 100,164 | 189,915 | 627,010 | 1,816,049 | 62,916 |
| 1966 | 62,281 | 265,618 | 54,644 | 105,860 | 208,257 | 679,024 | 1,884,567 | 81,856 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 31.6 | 3,208 | 2,837 | 30,051 | 9,485 | 3.343 | 1.461 | 1,941 |
| 1959 | 31.1 | 3,359 | 2,979 | 30,861 | 9,603 | 3.224 | 1.506 | 1,978 |
| 1960 | 33.3 | 3,527 | 3,172 | 31,931 | 10,638 | 3.354 | 1.582 | 2,005 |
| 1961 | 31.6 | 3,649 | 3,251 | 32,814 | 10,376 | 3.191 | 1.639 | 1,984 |
| 1962 | 32.4 | 3,857 | 3,449 | 34,326 | 11,119 | 3.224 | 1.718 | 2,007 |
| 1963 | 35.5 | 3,911 | 3,455 | 34,654 | 12,312 | 3.564 | 1.782 | 1,939 |
| 1964 | 33.9 | 4,079 | 3,648 | 35,690 | 12,113 | 3.320 | 1.846 | 1,976 |
| 1965 | 34.5 | 4,169 | 3,740 | 35,767 | 12,349 | 3.302 | 1.896 | 1,973 |
| 1966 | 36.0 | 4,265 | 3,811 | 36,488 | 12,426 | 3.261 | 1.967 | 1,937 |

SIC 2041 FLOUR MILLS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 28,215 | 140,121 | 20,519 | 44,111 | 96,165 | 393,053 | 2,086,706 | 22,109 |
| 1959 | 28,503 | 143,983 | 20,797 | 46,513 | 98,023 | 410,897 | 2,166,260 | 31,126 |
| 1960 | 27,228 | 144,854 | 19,540 | 44,804 | 96,994 | 444,369 | 2,240,373 | 28,539 |
| 1961 | 26,565 | 151,772 | 19,366 | 44,425 | 100,679 | 447,084 | 2,231,363 | 24,130 |
| 1962 | 25,702 | 149,515 | 18,893 | 43,789 | 100,044 | 441,284 | 2,369,367 | 25,720 |
| 1963 | 22,405 | 137,663 | 16,435 | 38,422 | 94,942 | 373,090 | 2,176,529 | 23,485 |
| 1964 | 21,876 | 138,452 | 15,962 | 36,902 | 93,328 | 399,765 | 2,193,079 | 21,206 |
| 1965 | 20,744 | 133,153 | 15,080 | 34,208 | 90,739 | 405,769 | 2,145,538 | 21,861 |
| 1966 | 20,071 | 133,778 | 14,687 | 33,347 | 90,618 | 433,875 | 2,344,928 | 30,027 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 18.8 | 4,966 | 4,687 | 101,696 | 19,156 | 4.087 | 2.180 | 2,150 |
| 1959 | 19.0 | 5,052 | 4,713 | 104,162 | 19,758 | 4.192 | 2.107 | 2,237 |
| 1960 | 19.8 | 5,320 | 4,964 | 114,653 | 22,742 | 4.581 | 2.165 | 2,293 |
| 1961 | 20.0 | 5,713 | 5,200 | 115,256 | 23,093 | 4.441 | 2.266 | 2,295 |
| 1962 | 18.6 | 5,817 | 5,295 | 125,410 | 23,357 | 4.411 | 2.285 | 2,318 |
| 1963 | 17.1 | 6,144 | 5,777 | 132,443 | 22,701 | 3.930 | 2.471 | 2,338 |
| 1964 | 18.2 | 6,329 | 5,847 | 137,394 | 25,045 | 4.283 | 2.529 | 2,312 |
| 1965 | 18.9 | 6,419 | 6,017 | 142,277 | 26,908 | 4.472 | 2.653 | 2,268 |
| 1966 | 18.5 | 6,665 | 6,170 | 159,660 | 29,541 | 4.788 | 2.717 | 2,271 |

SIC 2042 PREPARED ANIMAL FEEDS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 57,313 | 252,346 | 38,010 | 81,406 | 151,819 | 798,892 | 3,238,414 | 55,042 |
| 1959 | 56,870 | 256,078 | 37,321 | 80,635 | 150,731 | 804,025 | 3,264,980 | 56,255 |
| 1960 | 56,388 | 263,193 | 36,933 | 80,143 | 152,722 | 807,719 | 3,262,390 | 49,642 |
| 1961 | 55,842 | 271,152 | 36,432 | 80,424 | 157,092 | 861,766 | 3,478,359 | 44,727 |
| 1962 | 56,205 | 279,907 | 36,404 | 79,452 | 159,203 | 881,372 | 3,652,156 | 56,744 |
| 1963 | 54,649 | 278,729 | 34,564 | 75,669 | 159,079 | 983,691 | 3,880,122 | 53,394 |
| 1964 | 52,792 | 281,749 | 33,635 | 74,292 | 159,503 | 978,078 | 3,869,618 | 50,441 |
| 1965 | 51,222 | 281,900 | 32,069 | 71,793 | 158,218 | 971,627 | 3,987,145 | 66,336 |
| 1966 | 51,401 | 298,418 | 32,002 | 71,463 | 164,495 | 1,031,886 | 4,438,400 | 62,060 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 24.7 | 4,403 | 3,994 | 85,199 | 21,018 | 5.262 | 1.865 | 2,142 |
| 1959 | 24.6 | 4,503 | 4,039 | 87,484 | 21,544 | 5.334 | 1.869 | 2,161 |
| 1960 | 24.8 | 4,668 | 4,135 | 88,333 | 21,870 | 5.269 | 1.906 | 2,170 |
| 1961 | 24.8 | 4,856 | 4,312 | 95,475 | 23,643 | 5.483 | 1.953 | 2,208 |
| 1962 | 24.1 | 4,980 | 4,373 | 100,323 | 24,711 | 5.536 | 2.004 | 2,183 |
| 1963 | 25.4 | 5,100 | 4,602 | 112,259 | 28,460 | 6.184 | 2.102 | 2,189 |
| 1964 | 25.3 | 5,337 | 4,742 | 115,047 | 29,079 | 6.132 | 2.147 | 2,209 |
| 1965 | 24.4 | 5,503 | 4,934 | 124,330 | 30,298 | 6.141 | 2.204 | 2,239 |
| 1966 | 23.2 | 5,806 | 5,140 | 138,691 | 32,244 | 6.273 | 2.302 | 2,233 |

SIC 2043 CEREAL PREPARATIONS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 10,927 | 61,902 | 8,490 | 16,803 | 44,101 | 243,088 | 444,132 | 17,674 |
| 1959 | 11,142 | 65,995 | 8,737 | 17,511 | 47,885 | 254,780 | 460,462 | 21,533 |
| 1960 | 11,075 | 68,277 | 8,569 | 17,893 | 48,730 | 266,477 | 482,813 | 14,539 |
| 1961 | 11,592 | 73,370 | 8,988 | 18,085 | 52,272 | 283,788 | 503,451 | 17,532 |
| 1962 | 12,110 | 77,118 | 9,562 | 18,848 | 55,609 | 325,758 | 576,999 | 20,877 |
| 1963 | 11,358 | 75,098 | 9,416 | 18,829 | 59,575 | 365,022 | 625,058 | 15,273 |
| 1964 | 11,516 | 79,981 | 9,576 | 19,388 | 63,123 | 390,694 | 671,334 | 21,184 |
| 1965 | 11,919 | 84,203 | 9,876 | 19,848 | 65,784 | 415,575 | 707,054 | 16,214 |
| 1966 | 11,818 | 87,460 | 9,838 | 20,004 | 68,215 | 442,508 | 742,873 | 19,155 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 54.7 | 5,665 | 5,194 | 52,312 | 28,632 | 5.512 | 2.625 | 1,979 |
| 1959 | 55.3 | 5,923 | 5,481 | 52,703 | 29,161 | 5.321 | 2.735 | 2,004 |
| 1960 | 55.2 | 6,165 | 5,687 | 56,344 | 31,098 | 5.468 | 2.723 | 2,088 |
| 1961 | 56.4 | 6,329 | 5,816 | 56,014 | 31,574 | 5.429 | 2.890 | 2,012 |
| 1962 | 56.5 | 6,368 | 5,816 | 60,343 | 34,068 | 5.858 | 2.950 | 1,971 |
| 1963 | 58.4 | 6,612 | 6,327 | 66,383 | 38,766 | 6.127 | 3.164 | 2,000 |
| 1964 | 58.2 | 6,945 | 6,592 | 70,106 | 40,799 | 6.189 | 3.256 | 2,025 |
| 1965 | 58.8 | 7,065 | 6,661 | 71,593 | 42,079 | 6.317 | 3.314 | 2,010 |
| 1966 | 59.6 | 7,401 | 6,934 | 75,511 | 44,979 | 6.487 | 3.410 | 2,033 |

SIC 2044 RICE MILLING

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 3,843 | 14,286 | 2,903 | 5,982 | 8,976 | 53,152 | 312,061 | 1,442 |
| 1959 | 3,630 | 14,072 | 2,685 | 5,772 | 8,541 | 52,028 | 293,910 | 1,224 |
| 1960 | 3,808 | 15,443 | 2,753 | 6,506 | 9,127 | 60,001 | 315,819 | 2,988 |
| 1961 | 3,914 | 17,215 | 2,813 | 6,431 | 9,657 | 62,823 | 329,356 | 3,738 |
| 1962 | 4,425 | 18,938 | 3,336 | 7,973 | 11,783 | 65,792 | 399,313 | 4,999 |
| 1963 | 4,256 | 20,255 | 3,243 | 7,315 | 12,704 | 80,507 | 423,022 | 3,299 |
| 1964 | 4,211 | 21,081 | 3,230 | 7,300 | 13,264 | 69,967 | 442,897 | 4,522 |
| 1965 | 4,242 | 20,679 | 3,241 | 7,459 | 13,672 | 84,533 | 456,580 | 5,045 |
| 1966 | 4,015 | 21,134 | 3,040 | 6,900 | 13,298 | 86,204 | 457,576 | 7,178 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 17.0 | 3,717 | 3,092 | 107,496 | 18,309 | 5.922 | 1.501 | 2,061 |
| 1959 | 17.7 | 3,877 | 3,181 | 109,464 | 19,377 | 6.092 | 1.480 | 2,150 |
| 1960 | 19.0 | 4,055 | 3,315 | 114,718 | 21,795 | 6.574 | 1.403 | 2,163 |
| 1961 | 19.1 | 4,398 | 3,433 | 117,084 | 22,333 | 6.505 | 1.502 | 2,286 |
| 1962 | 16.5 | 4,280 | 3,532 | 119,698 | 19,722 | 5.584 | 1.478 | 2,390 |
| 1963 | 19.0 | 4,759 | 3,917 | 130,442 | 24,825 | 6.337 | 1.737 | 2,256 |
| 1964 | 15.8 | 5,006 | 4,107 | 137,120 | 21,662 | 5.275 | 1.817 | 2,260 |
| 1965 | 18.5 | 4,875 | 4,218 | 140,876 | 26,082 | 6.183 | 1.833 | 2,301 |
| 1966 | 18.8 | 5,264 | 4,374 | 150,518 | 28,357 | 6.482 | 1.927 | 2,270 |

SIC 2045 BLENDED & PREPARED FLOUR

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------|---------------------|------------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 7,199 | 45,391 | 5,135 | 10,703 | 27,394 | 177,826 | 434,023 | 6,142 |
| 1964 | 7,556 | 48,771 | 4,912 | 10,264 | 28,155 | 214,940 | 509,490 | 8,679 |
| 1965 | 7,244 | 49,710 | 4,988 | 10,429 | 30,825 | 205,368 | 488,845 | 9,751 |
| 1966 | 7,258 | 51,450 | 5,117 | 10,403 | 31,657 | 205,702 | 502,936 | 8,913 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 41.0 | 6,305 | 5,335 | 84,522 | 34,630 | 6.491 | 2.559 | 2,084 |
| 1964 | 42.2 | 6,455 | 5,732 | 103,724 | 43,758 | 7.634 | 2.743 | 2,090 |
| 1965 | 42.0 | 6,862 | 6,180 | 98,004 | 41,172 | 6.662 | 2.956 | 2,091 |
| 1966 | 40.9 | 7,089 | 6,187 | 98,287 | 40,200 | 6.498 | 3.043 | 2,033 |

SIC 2046 WET CORN MILLING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 13,792 | 78,767 | 10,385 | 22,241 | 56,335 | 249,435 | 528,530 | 18,056 |
| 1959 | 13,294 | 79,547 | 9,728 | 21,283 | 55,646 | 262,170 | 557,841 | 24,991 |
| 1960 | 13,689 | 83,227 | 10,087 | 21,700 | 57,186 | 277,582 | 566,383 | 26,978 |
| 1961 | 13,872 | 87,372 | 10,332 | 21,765 | 60,159 | 282,294 | 584,714 | 33,945 |
| 1962 | 13,890 | 91,834 | 10,225 | 22,073 | 63,012 | 277,051 | 602,026 | 28,100 |
| 1963 | 13,236 | 89,742 | 9,812 | 20,902 | 65,300 | 290,918 | 622,442 | 26,129 |
| 1964 | 12,455 | 95,332 | 9,201 | 19,701 | 66,048 | 291,756 | 629,451 | 47,910 |
| 1965 | 12,913 | 98,382 | 9,285 | 20,400 | 70,260 | 302,729 | 679,912 | 47,743 |
| 1966 | 13,854 | 106,635 | 9,858 | 21,027 | 73,639 | 346,572 | 755,250 | 43,723 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 47.2 | 5,711 | 5,425 | 50,894 | 24,019 | 4.428 | 2.533 | 2,142 |
| 1959 | 47.0 | 5,984 | 5,720 | 57,344 | 26,950 | 4.711 | 2.615 | 2,188 |
| 1960 | 49.0 | 6,080 | 5,669 | 56,150 | 27,519 | 4.854 | 2.635 | 2,151 |
| 1961 | 48.3 | 6,298 | 5,823 | 56,593 | 27,322 | 4.692 | 2.764 | 2,107 |
| 1962 | 46.0 | 6,612 | 6,163 | 58,878 | 27,095 | 4.397 | 2.855 | 2,159 |
| 1963 | 46.7 | 6,780 | 6,655 | 63,437 | 29,649 | 4.455 | 3.124 | 2,130 |
| 1964 | 46.4 | 7,654 | 7,178 | 68,411 | 31,709 | 4.417 | 3.353 | 2,141 |
| 1965 | 44.5 | 7,619 | 7,567 | 73,227 | 32,604 | 4.309 | 3.444 | 2,197 |
| 1966 | 45.9 | 7,697 | 7,470 | 76,613 | 35,156 | 4.706 | 3.502 | 2,133 |

SIC 2051 BREAD & RELATED PRODUCTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 257,846 | 1,158,062 | 145,933 | 297,470 | 574,696 | 2,118,818 | 4,098,612 | 104,085 |
| 1959 | 260,714 | 1,222,884 | 146,583 | 299,260 | 607,579 | 2,236,412 | 4,266,634 | 127,204 |
| 1960 | 260,408 | 1,271,639 | 144,006 | 300,535 | 629,593 | 2,266,170 | 4,332,915 | 101,895 |
| 1961 | 255,540 | 1,276,790 | 140,516 | 292,804 | 630,997 | 2,284,879 | 4,365,186 | 96,444 |
| 1962 | 254,176 | 1,321,019 | 137,213 | 286,615 | 641,087 | 2,333,525 | 4,446,345 | 92,583 |
| 1963 | 236,984 | 1,300,329 | 129,909 | 267,615 | 645,680 | 2,403,782 | 4,505,995 | 95,280 |
| 1964 | 234,247 | 1,330,729 | 127,327 | 272,485 | 657,976 | 2,492,170 | 4,618,210 | 115,012 |
| 1965 | 235,738 | 1,359,006 | 130,334 | 267,095 | 674,195 | 2,512,994 | 4,725,156 | 141,975 |
| 1966 | 231,844 | 1,419,565 | 127,892 | 266,148 | 698,773 | 2,658,444 | 5,007,163 | 148,636 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 51.7 | 4,491 | 3,938 | 28,086 | 14,519 | 3.687 | 1.932 | 2,038 |
| 1959 | 52.4 | 4,691 | 4,145 | 29,107 | 15,257 | 3.681 | 2.030 | 2,042 |
| 1960 | 52.3 | 4,883 | 4,372 | 30,088 | 15,737 | 3.599 | 2.095 | 2,087 |
| 1961 | 52.3 | 4,996 | 4,491 | 31,065 | 16,261 | 3.621 | 2.155 | 2,084 |
| 1962 | 52.5 | 5,197 | 4,672 | 32,405 | 17,007 | 3.640 | 2.237 | 2,089 |
| 1963 | 53.3 | 5,487 | 4,970 | 34,686 | 18,504 | 3.723 | 2.413 | 2,060 |
| 1964 | 54.0 | 5,681 | 5,168 | 36,270 | 19,573 | 3.788 | 2.415 | 2,140 |
| 1965 | 53.2 | 5,765 | 5,173 | 36,254 | 19,281 | 3.727 | 2.524 | 2,049 |
| 1966 | 53.1 | 6,123 | 5,464 | 39,151 | 20,787 | 3.804 | 2.626 | 2,081 |

SIC 2052 BISCUIT, CRACKERS & COOKIES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 44,461 | 179,829 | 34,296 | 68,483 | 122,659 | 523,318 | 982,545 | 15,521 |
| 1959 | 44,050 | 182,350 | 33,776 | 66,795 | 123,934 | 542,355 | 998,035 | 14,508 |
| 1960 | 43,368 | 189,656 | 33,830 | 67,527 | 130,537 | 576,521 | 1,051,292 | 12,744 |
| 1961 | 42,808 | 193,492 | 33,415 | 66,539 | 132,800 | 591,847 | 1,073,871 | 14,248 |
| 1962 | 42,439 | 204,794 | 33,160 | 66,772 | 143,083 | 618,216 | 1,134,067 | 38,031 |
| 1963 | 43,160 | 213,021 | 34,105 | 67,978 | 150,941 | 627,040 | 1,150,149 | 26,429 |
| 1964 | 42,218 | 215,310 | 33,434 | 67,192 | 154,021 | 655,989 | 1,197,821 | 15,333 |
| 1965 | 42,394 | 220,039 | 33,898 | 66,823 | 158,526 | 673,396 | 1,235,597 | 30,880 |
| 1966 | 42,550 | 234,449 | 34,066 | 67,470 | 167,185 | 712,688 | 1,327,267 | 33,174 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 53.3 | 4,045 | 3,576 | 28,649 | 15,259 | 4.266 | 1.791 | 1,997 |
| 1959 | 54.3 | 4,140 | 3,669 | 29,549 | 16,057 | 4.376 | 1.855 | 1,978 |
| 1960 | 54.8 | 4,373 | 3,859 | 31,076 | 17,042 | 4.417 | 1.933 | 1,996 |
| 1961 | 55.1 | 4,520 | 3,974 | 32,137 | 17,712 | 4.457 | 1.996 | 1,991 |
| 1962 | 54.5 | 4,826 | 4,315 | 34,200 | 18,643 | 4.321 | 2.143 | 2,014 |
| 1963 | 54.5 | 4,936 | 4,426 | 33,724 | 18,386 | 4.154 | 2.220 | 1,993 |
| 1964 | 54.8 | 5,100 | 4,607 | 35,826 | 19,620 | 4.259 | 2.292 | 2,010 |
| 1965 | 54.5 | 5,190 | 4,677 | 36,450 | 19,865 | 4.248 | 2.372 | 1,971 |
| 1966 | 53.7 | 5,510 | 4,908 | 38,962 | 20,921 | 4.263 | 2.478 | 1,981 |

SIC 2061 RAW CANE SUGAR

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 7,327 | 28,662 | 5,632 | 12,807 | 19,491 | 67,835 | 178,016 | 8,037 |
| 1959 | 7,498 | 29,672 | 5,980 | 13,256 | 21,809 | 78,921 | 198,015 | 8,416 |
| 1960 | 7,170 | 28,549 | 5,639 | 12,731 | 20,659 | 81,783 | 200,375 | 7,765 |
| 1961 | 7,245 | 31,515 | 5,696 | 13,250 | 22,662 | 74,390 | 229,272 | 10,510 |
| 1962 | 6,789 | 31,220 | 5,304 | 12,148 | 22,151 | 77,223 | 232,542 | 20,795 |
| 1963 | 8,263 | 38,796 | 6,308 | 14,634 | 27,929 | 135,686 | 378,710 | 19,289 |
| 1964 | 8,504 | 42,239 | 6,489 | 15,403 | 30,270 | 106,177 | 325,165 | 24,377 |
| 1965 | 8,041 | 42,730 | 6,365 | 14,469 | 31,109 | 107,619 | 294,378 | 17,578 |
| 1966 | 7,874 | 45,231 | 6,229 | 14,306 | 32,978 | 121,073 | 313,494 | 24,619 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 38.1 | 3,912 | 3,461 | 31,608 | 12,045 | 3.480 | 1.522 | 2,274 |
| 1959 | 39.9 | 3,957 | 3,647 | 33,113 | 13,197 | 3.619 | 1.645 | 2,217 |
| 1960 | 40.8 | 3,982 | 3,664 | 35,534 | 14,503 | 3.959 | 1.623 | 2,258 |
| 1961 | 32.4 | 4,350 | 3,979 | 40,251 | 13,060 | 3.283 | 1.710 | 2,326 |
| 1962 | 33.2 | 4,599 | 4,176 | 43,843 | 14,559 | 3.486 | 1.823 | 2,290 |
| 1963 | 35.8 | 4,695 | 4,428 | 60,036 | 21,510 | 4.858 | 1.909 | 2,320 |
| 1964 | 32.7 | 4,967 | 4,665 | 50,110 | 16,363 | 3.508 | 1.965 | 2,374 |
| 1965 | 36.6 | 5,314 | 4,888 | 46,249 | 16,908 | 3.459 | 2.150 | 2,273 |
| 1966 | 38.6 | 5,744 | 5,294 | 50,328 | 19,437 | 3.671 | 2.305 | 2,297 |

SIC 2062 CANE SUGAR REFINING

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 15,213 | 83,962 | 11,807 | 25,321 | 63,371 | 184,824 | 997,288 | 26,829 |
| 1959 | 15,429 | 88,683 | 12,072 | 25,215 | 67,270 | 189,181 | 1,025,383 | 19,404 |
| 1960 | 14,854 | 91,588 | 11,516 | 24,429 | 69,008 | 224,531 | 1,067,552 | 23,254 |
| 1961 | 13,895 | 88,997 | 10,615 | 22,488 | 66,684 | 211,395 | 1,076,244 | 14,658 |
| 1962 | 12,914 | 89,014 | 9,952 | 21,655 | 66,460 | 233,959 | 1,139,697 | 11,364 |
| 1963 | 12,443 | 90,792 | 9,499 | 20,683 | 66,948 | 254,418 | 1,271,229 | 16,209 |
| 1964 | 12,066 | 87,556 | 9,093 | 19,210 | 64,192 | 204,541 | 1,185,057 | 22,725 |
| 1965 | 11,181 | 84,952 | 8,483 | 17,930 | 62,519 | 267,978 | 1,181,640 | 18,600 |
| 1966 | 11,123 | 88,122 | 8,364 | 17,803 | 64,719 | 262,800 | 1,219,892 | 25,607 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 18.5 | 5,519 | 5,367 | 84,466 | 15,654 | 2.917 | 2.503 | 2,145 |
| 1959 | 18.4 | 5,748 | 5,572 | 84,939 | 15,671 | 2.812 | 2.668 | 2,089 |
| 1960 | 21.0 | 6,166 | 5,992 | 92,702 | 19,497 | 3.254 | 2.825 | 2,121 |
| 1961 | 19.6 | 6,405 | 6,282 | 101,389 | 19,915 | 3.170 | 2.965 | 2,119 |
| 1962 | 20.5 | 6,893 | 6,678 | 114,519 | 23,509 | 3.520 | 3.069 | 2,176 |
| 1963 | 20.0 | 7,297 | 7,048 | 133,828 | 26,784 | 3.800 | 3.237 | 2,177 |
| 1964 | 17.3 | 7,256 | 7,059 | 130,326 | 22,494 | 3.186 | 3.342 | 2,113 |
| 1965 | 22.7 | 7,598 | 7,370 | 139,295 | 31,590 | 4.286 | 3.487 | 2,114 |
| 1966 | 21.5 | 7,923 | 7,738 | 145,850 | 31,420 | 4.061 | 3.635 | 2,129 |

SIC 2063 BEET SUGAR

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 10,324 | 49,217 | 9,036 | 20,947 | 41,220 | 130,393 | 392,212 | 7,970 |
| 1959 | 10,540 | 49,981 | 9,244 | 20,746 | 42,164 | 131,711 | 383,516 | 10,581 |
| 1960 | 10,241 | 51,990 | 9,019 | 20,604 | 44,238 | 151,776 | 409,818 | 13,099 |
| 1961 | 11,058 | 55,163 | 9,729 | 21,335 | 46,887 | 144,374 | 417,546 | 17,003 |
| 1962 | 10,940 | 55,292 | 9,687 | 20,870 | 47,075 | 166,866 | 456,412 | 22,317 |
| 1963 | 11,297 | 59,641 | 10,088 | 21,367 | 50,879 | 200,698 | 564,073 | 38,113 |
| 1964 | 12,065 | 67,780 | 10,747 | 23,552 | 58,098 | 191,485 | 545,776 | 54,863 |
| 1965 | 12,289 | 67,552 | 10,968 | 22,093 | 57,279 | 198,486 | 531,250 | 22,039 |
| 1966 | 11,800 | 67,745 | 9,922 | 20,154 | 54,678 | 220,272 | 579,475 | 17,539 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 33.2 | 4,767 | 4,562 | 43,405 | 14,430 | 3.163 | 1.968 | 2,318 |
| 1959 | 34.3 | 4,742 | 4,561 | 41,688 | 14,248 | 3.124 | 2.032 | 2,244 |
| 1960 | 37.0 | 5,077 | 4,905 | 45,439 | 16,828 | 3.431 | 2.147 | 2,285 |
| 1961 | 34.6 | 4,989 | 4,819 | 42,918 | 14,840 | 3.079 | 2.198 | 2,193 |
| 1962 | 36.6 | 5,054 | 4,860 | 47,116 | 17,226 | 3.545 | 2.256 | 2,154 |
| 1963 | 35.6 | 5,279 | 5,044 | 55,915 | 19,895 | 3.945 | 2.381 | 2,118 |
| 1964 | 35.1 | 5,618 | 5,406 | 50,784 | 17,818 | 3.296 | 2.467 | 2,191 |
| 1965 | 37.4 | 5,497 | 5,222 | 48,436 | 18,097 | 3.465 | 2.593 | 2,014 |
| 1966 | 38.0 | 5,741 | 5,511 | 58,403 | 22,200 | 4.029 | 2.713 | 2,031 |

SIC 2071 CONFECTIONERY PRODUCTS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (\$1,000) | WAGES (\$1,000) | | | |
| 1958 | 66,504 | 236,982 | 54,325 | 104,870 | 168,278 | 512,532 | 1,229,277 | 24,872 |
| 1959 | 64,712 | 243,564 | 52,351 | 103,614 | 170,339 | 530,819 | 1,268,221 | 22,743 |
| 1960 | 64,549 | 253,152 | 51,977 | 102,898 | 176,544 | 566,269 | 1,317,954 | 22,633 |
| 1961 | 65,475 | 265,980 | 52,893 | 105,156 | 187,492 | 590,609 | 1,361,985 | 22,214 |
| 1962 | 65,742 | 275,646 | 52,966 | 105,568 | 192,165 | 600,308 | 1,395,076 | 29,304 |
| 1963 | 63,643 | 269,680 | 52,724 | 102,402 | 193,028 | 635,393 | 1,454,512 | 28,094 |
| 1964 | 65,565 | 291,632 | 54,468 | 105,223 | 205,983 | 691,715 | 1,552,556 | 35,667 |
| 1965 | 65,277 | 295,267 | 54,645 | 106,208 | 212,552 | 720,971 | 1,583,093 | 41,212 |
| 1966 | 66,641 | 313,365 | 55,638 | 106,488 | 224,331 | 756,095 | 1,681,493 | 48,058 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| 1958 | 41.7 | 3,563 | 3,098 | 22,628 | 9,435 | 3.046 | 1.605 | 1,930 |
| 1959 | 41.9 | 3,764 | 3,254 | 24,225 | 10,140 | 3.116 | 1.644 | 1,979 |
| 1960 | 43.0 | 3,922 | 3,397 | 25,356 | 10,895 | 3.208 | 1.716 | 1,980 |
| 1961 | 43.4 | 4,062 | 3,545 | 25,750 | 11,166 | 3.150 | 1.783 | 1,988 |
| 1962 | 43.0 | 4,193 | 3,628 | 26,339 | 11,334 | 3.124 | 1.820 | 1,993 |
| 1963 | 43.7 | 4,237 | 3,661 | 27,587 | 12,051 | 3.292 | 1.885 | 1,942 |
| 1964 | 44.6 | 4,448 | 3,782 | 28,504 | 12,699 | 3.358 | 1.958 | 1,932 |
| 1965 | 45.5 | 4,523 | 3,890 | 28,971 | 13,194 | 3.392 | 2.001 | 1,944 |
| 1966 | 45.0 | 4,702 | 4,032 | 30,222 | 13,590 | 3.370 | 2.107 | 1,914 |

SIC 2072 CHOCOLATE & COCOA PRODUCTS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (\$1,000) | WAGES (\$1,000) | | | |
| 1958 | 8,271 | 38,427 | 6,492 | 13,193 | 27,510 | 135,098 | 447,156 | 4,129 |
| 1959 | 8,316 | 40,042 | 6,595 | 13,341 | 29,187 | 144,127 | 446,486 | 5,665 |
| 1960 | 8,519 | 42,460 | 6,715 | 13,467 | 31,008 | 158,108 | 450,629 | 4,377 |
| 1961 | 8,783 | 46,236 | 6,926 | 13,855 | 33,012 | 168,175 | 445,856 | 5,220 |
| 1962 | 8,836 | 47,594 | 6,949 | 14,018 | 34,162 | 174,280 | 461,958 | 6,717 |
| 1963 | 8,743 | 49,305 | 6,952 | 13,964 | 35,936 | 184,796 | 479,085 | 8,371 |
| 1964 | 8,511 | 49,467 | 6,746 | 13,765 | 36,307 | 167,881 | 477,418 | 9,607 |
| 1965 | 7,896 | 47,223 | 6,367 | 12,847 | 34,520 | 165,555 | 452,651 | 11,858 |
| 1966 | 8,150 | 50,982 | 6,594 | 13,397 | 37,575 | 179,703 | 470,981 | 21,681 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| 1958 | 30.2 | 4,646 | 4,238 | 68,878 | 20,810 | 4.911 | 2.085 | 2,032 |
| 1959 | 32.3 | 4,815 | 4,426 | 67,701 | 21,854 | 4.938 | 2.188 | 2,023 |
| 1960 | 35.1 | 4,984 | 4,618 | 67,108 | 23,545 | 5.099 | 2.303 | 2,006 |
| 1961 | 37.7 | 5,264 | 4,766 | 64,374 | 24,282 | 5.094 | 2.383 | 2,000 |
| 1962 | 37.7 | 5,386 | 4,916 | 66,478 | 25,080 | 5.102 | 2.437 | 2,017 |
| 1963 | 38.6 | 5,639 | 5,169 | 68,913 | 26,582 | 5.142 | 2.573 | 2,009 |
| 1964 | 35.2 | 5,812 | 5,382 | 70,771 | 24,886 | 4.624 | 2.638 | 2,040 |
| 1965 | 36.6 | 5,981 | 5,422 | 71,093 | 26,002 | 4.796 | 2.687 | 2,018 |
| 1966 | 38.2 | 6,255 | 5,698 | 71,426 | 27,253 | 4.783 | 2.805 | 2,032 |

SIC 2073 CHEWING GUM

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (\$1,000) | WAGES (\$1,000) | | | |
| 1958 | 5,576 | 25,270 | 3,947 | 7,587 | 14,940 | 104,789 | 185,054 | 3,380 |
| 1959 | 5,531 | 26,627 | 3,823 | 7,516 | 15,550 | 110,636 | 192,350 | 2,595 |
| 1960 | 5,677 | 27,702 | 3,925 | 7,541 | 15,976 | 117,885 | 200,380 | 3,146 |
| 1961 | 5,671 | 28,608 | 3,898 | 7,620 | 16,650 | 121,783 | 203,862 | 3,192 |
| 1962 | 5,660 | 30,037 | 3,902 | 7,673 | 17,528 | 129,745 | 212,280 | 4,449 |
| 1963 | 5,558 | 30,997 | 3,895 | 7,422 | 17,779 | 135,848 | 224,844 | 2,881 |
| 1964 | 5,619 | 32,723 | 3,928 | 7,499 | 18,321 | 146,123 | 241,821 | 6,694 |
| 1965 | 6,134 | 37,052 | 4,422 | 8,450 | 22,801 | 158,173 | 260,340 | 6,393 |
| 1966 | 6,548 | 40,755 | 4,746 | 9,453 | 25,105 | 176,660 | 281,695 | 12,917 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| 1958 | 56.6 | 4,532 | 3,785 | 46,885 | 26,549 | 7.014 | 1.969 | 1,922 |
| 1959 | 57.5 | 4,814 | 4,067 | 50,314 | 28,940 | 7.115 | 2.069 | 1,966 |
| 1960 | 58.8 | 4,880 | 4,070 | 51,052 | 30,034 | 7.379 | 2.119 | 1,921 |
| 1961 | 59.7 | 5,045 | 4,271 | 52,299 | 31,242 | 7.314 | 2.185 | 1,955 |
| 1962 | 61.1 | 5,307 | 4,492 | 54,403 | 33,251 | 7.402 | 2.284 | 1,966 |
| 1963 | 60.4 | 5,577 | 4,565 | 57,726 | 34,878 | 7.641 | 2.395 | 1,906 |
| 1964 | 60.4 | 5,824 | 4,664 | 61,563 | 37,200 | 7.976 | 2.443 | 1,909 |
| 1965 | 60.8 | 6,040 | 5,156 | 58,874 | 35,770 | 6.937 | 2.698 | 1,911 |
| 1966 | 62.7 | 6,224 | 5,290 | 59,354 | 37,223 | 7.037 | 2.656 | 1,992 |

SIC 2082 MALT LIQUORS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 71,723 | 443,337 | 48,029 | 91,742 | 280,070 | 1,116,703 | 1,982,664 | 72,895 |
| 1959 | 70,943 | 461,140 | 48,018 | 91,869 | 292,586 | 1,200,288 | 2,095,362 | 64,448 |
| 1960 | 69,838 | 461,698 | 47,687 | 90,040 | 296,833 | 1,248,332 | 2,179,496 | 75,919 |
| 1961 | 68,187 | 466,526 | 46,222 | 87,547 | 297,706 | 1,246,672 | 2,200,020 | 89,887 |
| 1962 | 66,004 | 476,758 | 44,799 | 85,961 | 304,751 | 1,270,548 | 2,281,993 | 84,603 |
| 1963 | 62,643 | 470,823 | 42,679 | 81,901 | 302,270 | 1,286,036 | 2,315,068 | 86,217 |
| 1964 | 61,906 | 485,624 | 42,032 | 80,618 | 311,384 | 1,366,183 | 2,469,828 | 105,377 |
| 1965 | 60,405 | 488,056 | 40,567 | 78,657 | 310,416 | 1,360,335 | 2,497,198 | 115,431 |
| 1966 | 60,508 | 509,230 | 40,286 | 78,464 | 334,023 | 1,412,488 | 2,699,894 | 168,782 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 56.3 | 6,181 | 5,831 | 41,281 | 23,251 | 3.987 | 3.053 | 1,910 |
| 1959 | 57.3 | 6,500 | 6,093 | 43,637 | 24,997 | 4.102 | 3.185 | 1,913 |
| 1960 | 57.3 | 6,611 | 6,225 | 45,704 | 26,178 | 4.206 | 3.297 | 1,888 |
| 1961 | 56.7 | 6,842 | 6,441 | 47,597 | 26,971 | 4.188 | 3.401 | 1,894 |
| 1962 | 55.7 | 7,223 | 6,803 | 50,938 | 28,361 | 4.169 | 3.545 | 1,919 |
| 1963 | 55.6 | 7,516 | 7,082 | 54,244 | 30,133 | 4.255 | 3.691 | 1,919 |
| 1964 | 55.3 | 7,845 | 7,408 | 58,761 | 32,503 | 4.387 | 3.862 | 1,918 |
| 1965 | 54.5 | 8,080 | 7,652 | 61,557 | 33,533 | 4.382 | 3.946 | 1,939 |
| 1966 | 52.3 | 8,416 | 8,291 | 67,018 | 35,062 | 4.229 | 4.257 | 1,948 |

SIC 2083 MALT

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 2,404 | 16,338 | 1,802 | 3,556 | 10,910 | 55,087 | 195,327 | 3,131 |
| 1959 | 2,471 | 17,155 | 1,814 | 3,560 | 11,508 | 51,251 | 203,264 | 7,707 |
| 1960 | 2,705 | 19,214 | 1,995 | 3,990 | 13,066 | 40,048 | 205,484 | 5,575 |
| 1961 | 2,542 | 18,456 | 1,774 | 3,480 | 12,247 | 31,917 | 207,456 | 4,261 |
| 1962 | 2,311 | 17,102 | 1,659 | 3,294 | 11,608 | 48,557 | 190,834 | 1,651 |
| 1963 | 1,925 | 15,084 | 1,456 | 2,983 | 10,839 | 43,979 | 183,515 | 3,002 |
| 1964 | 2,059 | 17,223 | 1,563 | 3,259 | 12,549 | 58,291 | 215,542 | N.A. |
| 1965 | 1,902 | 15,788 | 1,450 | 3,003 | 11,571 | 50,591 | 204,366 | 4,385 |
| 1966 | 1,835 | 15,320 | 1,384 | 2,837 | 11,082 | 48,482 | 205,539 | 4,063 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 28.2 | 6,796 | 6,054 | 108,395 | 30,570 | 5.049 | 3.068 | 1,973 |
| 1959 | 25.2 | 6,943 | 6,344 | 112,053 | 28,253 | 4.454 | 3.233 | 1,963 |
| 1960 | 19.5 | 7,103 | 6,549 | 102,999 | 20,074 | 3.065 | 3.275 | 2,000 |
| 1961 | 15.4 | 7,260 | 6,904 | 116,943 | 17,992 | 2.606 | 3.519 | 1,962 |
| 1962 | 25.4 | 7,400 | 6,997 | 115,030 | 29,269 | 4.183 | 3.524 | 1,986 |
| 1963 | 24.0 | 7,836 | 7,444 | 126,041 | 30,205 | 4.057 | 3.634 | 2,049 |
| 1964 | 27.0 | 8,365 | 8,029 | 137,903 | 37,294 | 4.645 | 3.851 | 2,085 |
| 1965 | 24.8 | 8,301 | 7,980 | 140,942 | 34,890 | 4.372 | 3.853 | 2,071 |
| 1966 | 23.6 | 8,349 | 8,007 | 148,511 | 35,030 | 4.375 | 3.906 | 2,050 |

SIC 2084 WINES & BRANDY

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 5,941 | 29,029 | 4,319 | 8,638 | 17,659 | 114,242 | 263,963 | 7,921 |
| 1959 | 5,335 | 28,757 | 3,743 | 7,549 | 16,355 | 107,016 | 281,587 | 4,778 |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | 5,195 | 31,614 | 3,526 | 7,322 | 17,184 | 120,801 | 304,528 | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 6,111 | 35,051 | 4,176 | 8,403 | 20,523 | 137,281 | 368,281 | 7,303 |
| 1964 | 6,420 | 39,920 | 4,505 | 8,893 | 23,163 | 159,147 | 385,086 | N.A. |
| 1965 | 6,389 | 41,754 | 4,152 | 8,500 | 23,184 | 166,697 | 396,248 | 11,263 |
| 1966 | 6,505 | 44,526 | 4,214 | 8,463 | 23,781 | 193,394 | 400,775 | 11,811 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 43.3 | 4,886 | 4,089 | 61,117 | 26,451 | 6.469 | 2.044 | 2,000 |
| 1959 | 38.0 | 5,390 | 4,369 | 75,230 | 28,591 | 6.543 | 2.167 | 2,017 |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | 39.7 | 6,085 | 4,874 | 86,366 | 34,260 | 7.030 | 2.347 | 2,077 |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 37.3 | 5,736 | 4,915 | 88,190 | 32,874 | 6.689 | 2.442 | 2,012 |
| 1964 | 41.3 | 6,218 | 5,142 | 85,480 | 35,327 | 6.871 | 2.605 | 1,974 |
| 1965 | 42.1 | 6,535 | 5,584 | 95,435 | 40,149 | 7.190 | 2.728 | 2,047 |
| 1966 | 48.3 | 6,845 | 5,643 | 95,106 | 45,893 | 8.132 | 2.810 | 2,008 |

SIC 2085 DISTILLED LIQUOR EXC BRANDY

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 20,528 | 102,619 | 16,629 | 32,207 | 73,870 | 458,151 | 941,312 | 9,908 |
| 1959 | 20,277 | 106,793 | 16,303 | 33,082 | 78,249 | 487,551 | 959,221 | 11,614 |
| 1960 | 20,166 | 109,951 | 15,901 | 33,482 | 79,088 | 463,470 | 927,082 | 15,917 |
| 1961 | 19,016 | 110,340 | 14,879 | 31,325 | 77,954 | 464,495 | 937,937 | 14,495 |
| 1962 | 18,670 | 113,344 | 14,482 | 30,596 | 80,432 | 464,515 | 945,961 | 19,752 |
| 1963 | 18,009 | 110,217 | 14,343 | 28,138 | 80,244 | 623,736 | 1,090,462 | 15,480 |
| 1964 | 17,827 | 115,608 | 14,178 | 27,963 | 84,132 | 660,237 | 1,133,760 | 13,482 |
| 1965 | 18,896 | 125,696 | 14,948 | 29,689 | 91,404 | 712,729 | 1,288,192 | 23,389 |
| 1966 | 19,046 | 130,013 | 15,242 | 30,086 | 94,455 | 723,133 | 1,331,599 | 32,156 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 48.7 | 4,999 | 4,442 | 56,607 | 27,551 | 6.202 | 2,294 |
| 1959 | 50.8 | 5,267 | 4,800 | 58,837 | 29,906 | 6.231 | 2,029 |
| 1960 | 50.0 | 5,452 | 4,974 | 58,303 | 29,147 | 5.860 | 2,106 |
| 1961 | 49.5 | 5,802 | 5,239 | 63,038 | 31,218 | 5.959 | 2,489 |
| 1962 | 49.1 | 6,071 | 5,554 | 65,320 | 32,075 | 5.775 | 2,629 |
| 1963 | 57.2 | 6,120 | 5,595 | 76,027 | 43,487 | 7.773 | 2,852 |
| 1964 | 58.2 | 6,485 | 5,934 | 79,966 | 46,568 | 7.848 | 3,009 |
| 1965 | 55.3 | 6,652 | 6,115 | 86,178 | 47,681 | 7.798 | 3,079 |
| 1966 | 54.3 | 6,826 | 6,197 | 87,364 | 47,443 | 7.656 | 3,140 |

SIC 2086 BOTTLED & CANNED SOFT DRINKS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 97,082 | 405,626 | 39,496 | 80,009 | 131,437 | 862,487 | 1,558,263 | 64,153 |
| 1959 | 99,994 | 433,551 | 40,172 | 83,675 | 135,761 | 954,024 | 1,714,357 | 66,025 |
| 1960 | 103,335 | 465,450 | 41,149 | 89,614 | 144,271 | 1,006,045 | 1,806,150 | 76,410 |
| 1961 | 104,078 | 485,433 | 40,910 | 89,547 | 149,171 | 1,060,823 | 1,911,359 | 69,380 |
| 1962 | 105,448 | 515,260 | 41,402 | 92,868 | 158,302 | 1,127,880 | 2,030,897 | 81,395 |
| 1963 | 106,850 | 537,743 | 40,911 | 86,857 | 164,715 | 1,233,629 | 2,210,920 | 100,771 |
| 1964 | 111,076 | 582,579 | 40,964 | 89,245 | 172,801 | 1,387,756 | 2,408,840 | 110,844 |
| 1965 | 113,859 | 614,395 | 42,065 | 90,133 | 182,675 | 1,372,725 | 2,505,404 | 111,036 |
| 1966 | 117,659 | 667,137 | 43,739 | 93,848 | 201,099 | 1,470,795 | 2,734,909 | 151,085 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 55.3 | 4,178 | 3,328 | 39,454 | 21,837 | 6.562 | 2,026 |
| 1959 | 55.6 | 4,336 | 3,379 | 42,675 | 23,748 | 7.027 | 2,083 |
| 1960 | 55.7 | 4,504 | 3,506 | 43,893 | 24,449 | 6.973 | 2,173 |
| 1961 | 55.5 | 4,664 | 3,646 | 46,721 | 25,931 | 7.111 | 2,189 |
| 1962 | 55.5 | 4,886 | 3,824 | 49,053 | 27,242 | 7.125 | 2,243 |
| 1963 | 55.8 | 5,033 | 4,026 | 54,042 | 30,154 | 7.489 | 2,123 |
| 1964 | 57.6 | 5,245 | 4,218 | 58,804 | 33,877 | 8.031 | 2,179 |
| 1965 | 54.8 | 5,396 | 4,343 | 59,560 | 32,633 | 7.515 | 2,143 |
| 1966 | 53.8 | 5,670 | 4,598 | 62,528 | 33,627 | 7.314 | 2,146 |

SIC 2087 FLAVORINGS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 9,307 | 47,532 | 5,264 | 10,335 | 22,029 | 249,442 | 477,052 | 5,375 |
| 1959 | 9,496 | 52,155 | 5,459 | 11,561 | 23,359 | 284,687 | 535,242 | 6,593 |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 9,083 | 56,576 | 4,986 | 10,235 | 25,121 | 400,173 | 729,704 | 12,311 |
| 1964 | 9,362 | 63,533 | 5,208 | 11,501 | 27,759 | 448,157 | 833,143 | 12,187 |
| 1965 | 9,397 | 62,806 | 4,983 | 10,101 | 25,748 | 487,455 | 836,546 | 14,845 |
| 1966 | 10,559 | 70,821 | 5,874 | 11,672 | 31,269 | 555,474 | 974,448 | 23,618 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 52.3 | 5,107 | 4,185 | 90,625 | 47,386 | 11.323 | 1,963 |
| 1959 | 53.2 | 5,492 | 4,279 | 98,048 | 52,150 | 12.187 | 2,118 |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 54.8 | 6,229 | 5,038 | 146,351 | 80,259 | 15.930 | 2,053 |
| 1964 | 53.8 | 6,786 | 5,330 | 159,974 | 86,052 | 16.145 | 2,208 |
| 1965 | 58.3 | 6,684 | 5,167 | 167,880 | 97,824 | 18.932 | 2,027 |
| 1966 | 57.0 | 6,707 | 5,323 | 165,892 | 94,565 | 17.764 | 1,987 |

SIC 2091 COTTONSEED OIL MILLS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 8,355 | 31,223 | 6,310 | 14,899 | 20,006 | 63,587 | 420,649 | 6,605 |
| 1959 | 8,877 | 33,623 | 6,972 | 17,292 | 22,088 | 66,417 | 429,342 | 4,984 |
| 1960 | 8,599 | 33,271 | 6,817 | 16,663 | 21,838 | 78,151 | 443,265 | 4,950 |
| 1961 | 8,152 | 33,995 | 6,421 | 16,219 | 22,358 | 89,376 | 478,384 | 6,019 |
| 1962 | 8,391 | 34,974 | 6,610 | 16,354 | 23,535 | 76,746 | 511,745 | 25,955 |
| 1963 | 8,372 | 38,173 | 6,569 | 16,556 | 26,014 | 100,815 | 555,188 | 12,475 |
| 1964 | 7,873 | 38,574 | 6,236 | 16,568 | 26,457 | 72,115 | 526,592 | N.A. |
| 1965 | 8,083 | 37,276 | 6,460 | 16,111 | 25,740 | 103,457 | 555,432 | 6,449 |
| 1966 | 7,123 | 33,882 | 5,607 | 13,736 | 22,230 | 104,044 | 560,780 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 15.1 | 3,737 | 3,171 | 66,664 | 10,077 | 3.178 | 1.343 | 2,361 |
| 1959 | 15.5 | 3,788 | 3,168 | 61,581 | 9,526 | 3.007 | 1.277 | 2,480 |
| 1960 | 17.6 | 3,869 | 3,203 | 65,023 | 11,464 | 3.579 | 1.311 | 2,444 |
| 1961 | 18.7 | 4,170 | 3,482 | 74,503 | 13,919 | 3.997 | 1.379 | 2,526 |
| 1962 | 15.0 | 4,168 | 3,561 | 77,420 | 11,611 | 3.261 | 1.439 | 2,474 |
| 1963 | 18.2 | 4,560 | 3,960 | 84,516 | 15,347 | 3.875 | 1.571 | 2,520 |
| 1964 | 13.7 | 4,900 | 4,243 | 84,444 | 11,564 | 2.726 | 1.597 | 2,657 |
| 1965 | 18.6 | 4,612 | 3,985 | 85,980 | 16,015 | 4.019 | 1.598 | 2,494 |
| 1966 | 18.6 | 4,757 | 3,965 | 100,014 | 18,556 | 4.680 | 1.618 | 2,450 |

SIC 2092 SOYBEAN OIL MILLS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 8,095 | 41,909 | 5,742 | 12,828 | 27,067 | 139,612 | 1,080,798 | 14,668 |
| 1959 | 8,136 | 42,736 | 6,065 | 13,505 | 28,754 | 147,455 | 1,146,901 | 26,552 |
| 1960 | 7,728 | 42,281 | 5,571 | 12,310 | 27,024 | 131,600 | 1,132,731 | 13,798 |
| 1961 | 7,719 | 43,412 | 5,403 | 11,810 | 27,266 | 166,100 | 1,284,062 | 14,799 |
| 1962 | 7,270 | 41,284 | 5,062 | 11,043 | 26,385 | 147,734 | 1,345,720 | 14,154 |
| 1963 | 6,478 | 39,893 | 4,568 | 10,057 | 25,715 | 152,143 | 1,473,385 | 10,238 |
| 1964 | 6,404 | 40,969 | 4,483 | 9,697 | 25,894 | 170,151 | 1,588,460 | 10,785 |
| 1965 | 6,639 | 42,553 | 4,601 | 10,108 | 27,059 | 157,442 | 1,731,824 | 17,713 |
| 1966 | 7,082 | 47,272 | 4,987 | 11,005 | 30,411 | 209,451 | 2,009,819 | 13,723 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 12.9 | 5,177 | 4,714 | 188,227 | 24,314 | 5.158 | 2.110 | 2,234 |
| 1959 | 12.9 | 5,253 | 4,741 | 189,102 | 24,312 | 5.128 | 2.129 | 2,227 |
| 1960 | 11.6 | 5,471 | 4,851 | 203,326 | 23,622 | 4.870 | 2.195 | 2,210 |
| 1961 | 12.9 | 5,624 | 5,046 | 237,657 | 30,742 | 6.092 | 2.309 | 2,186 |
| 1962 | 11.0 | 5,679 | 5,212 | 265,847 | 29,185 | 5.599 | 2.389 | 2,182 |
| 1963 | 10.3 | 6,158 | 5,629 | 322,545 | 33,306 | 5.917 | 2.557 | 2,202 |
| 1964 | 10.7 | 6,397 | 5,776 | 354,330 | 37,955 | 6.571 | 2.670 | 2,163 |
| 1965 | 9.1 | 6,410 | 5,881 | 376,402 | 34,219 | 5.818 | 2.677 | 2,197 |
| 1966 | 10.4 | 6,675 | 6,098 | 403,012 | 41,999 | 6.887 | 2.763 | 2,207 |

SIC 2093 VEGETABLE OIL MILLS NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 2,252 | 12,525 | 1,794 | 3,861 | 9,544 | 42,066 | 314,695 | 2,032 |
| 1959 | 2,235 | 12,610 | 1,806 | 3,908 | 9,658 | 46,349 | 357,708 | 1,686 |
| 1960 | 1,939 | 9,944 | 1,478 | 2,977 | 6,874 | 34,142 | 331,661 | 1,106 |
| 1961 | 1,858 | 9,555 | 1,424 | 2,898 | 6,784 | 42,228 | 327,624 | 517 |
| 1962 | 1,769 | 9,865 | 1,357 | 2,955 | 7,012 | 34,285 | 308,648 | 1,219 |
| 1963 | 1,952 | 11,501 | 1,507 | 3,189 | 8,094 | 42,692 | 234,168 | 1,561 |
| 1964 | 1,967 | 12,597 | 1,547 | 3,282 | 8,614 | 43,762 | 251,897 | 1,364 |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | 1,817 | 11,587 | 1,457 | 3,280 | 8,418 | 37,539 | 265,724 | 2,542 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 13.4 | 5,562 | 5,320 | 175,415 | 23,448 | 4.408 | 2.472 | 2,152 |
| 1959 | 13.0 | 5,642 | 5,348 | 198,066 | 25,664 | 4.799 | 2.471 | 2,164 |
| 1960 | 10.3 | 5,128 | 4,651 | 224,399 | 23,100 | 4.967 | 2.309 | 2,014 |
| 1961 | 12.9 | 5,143 | 4,764 | 230,073 | 29,654 | 6.225 | 2.341 | 2,035 |
| 1962 | 11.1 | 5,577 | 5,167 | 227,449 | 25,265 | 4.889 | 2.373 | 2,178 |
| 1963 | 18.2 | 5,892 | 5,371 | 155,387 | 28,329 | 5.275 | 2.538 | 2,116 |
| 1964 | 17.4 | 6,404 | 5,568 | 162,829 | 28,288 | 5.080 | 2.625 | 2,122 |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | 14.1 | 6,377 | 5,778 | 182,377 | 25,765 | 4.459 | 2.566 | 2,251 |

SIC 2094 ANIMAL & MARINE FATS & OILS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-----------------|------------------------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 14,575 | 67,869 | 10,908 | 23,628 | 46,373 | 151,595 | 389,298 | 12,745 |
| 1959 | 14,023 | 67,007 | 10,552 | 21,849 | 45,874 | 140,259 | 353,131 | 19,246 |
| 1960 | 13,680 | 69,894 | 10,034 | 21,770 | 46,919 | 129,080 | 317,975 | 13,923 |
| 1961 | 12,604 | 68,976 | 9,368 | 20,474 | 46,526 | 163,996 | 376,306 | 15,347 |
| 1962 | 13,256 | 74,215 | 9,797 | 21,164 | 49,959 | 168,249 | 400,577 | 20,550 |
| 1963 | 14,276 | 78,305 | 10,260 | 22,714 | 51,254 | 193,326 | 473,993 | 13,659 |
| 1964 | 14,225 | 84,550 | 10,441 | 23,948 | 54,669 | 210,690 | 550,379 | 14,739 |
| 1965 | 14,194 | 90,188 | 10,181 | 23,681 | 56,550 | 248,420 | 669,226 | 12,678 |
| 1966 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 38.9 | 4,657 | 4,251 | 35,689 | 13,898 | 3.269 | 1.963 | 2,166 |
| 1959 | 39.7 | 4,778 | 4,347 | 33,466 | 13,292 | 3.057 | 2.100 | 2,071 |
| 1960 | 40.6 | 5,109 | 4,676 | 31,690 | 12,864 | 2.751 | 2.155 | 2,170 |
| 1961 | 43.6 | 5,473 | 4,966 | 40,169 | 17,506 | 3.525 | 2.272 | 2,186 |
| 1962 | 42.0 | 5,599 | 5,099 | 40,888 | 17,174 | 3.368 | 2.361 | 2,160 |
| 1963 | 40.8 | 5,485 | 4,996 | 46,198 | 18,843 | 3.772 | 2.256 | 2,214 |
| 1964 | 38.3 | 5,944 | 5,236 | 52,713 | 20,179 | 3.854 | 2.283 | 2,294 |
| 1965 | 37.1 | 6,354 | 5,554 | 65,733 | 24,400 | 4.393 | 2.388 | 2,326 |
| 1966 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

SIC 2095 ROASTED COFFEE

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-----------------|------------------------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 18,823 | 96,564 | 11,249 | 23,036 | 50,442 | 461,295 | 2,038,920 | 23,070 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 16,842 | 109,767 | 9,928 | 20,119 | 54,730 | 608,491 | 1,846,182 | 23,275 |
| 1964 | 17,396 | 118,278 | 10,135 | 20,712 | 58,209 | 677,292 | 2,113,050 | 21,447 |
| 1965 | 16,209 | 110,878 | 9,113 | 18,683 | 56,581 | 628,274 | 2,089,557 | 25,001 |
| 1966 | 16,114 | 113,261 | 9,124 | 18,315 | 57,730 | 667,830 | 2,082,507 | 25,525 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 22.6 | 5,130 | 4,484 | 181,253 | 41,008 | 9.145 | 2.190 | 2,048 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 33.0 | 6,517 | 5,513 | 185,957 | 61,290 | 11.118 | 2.720 | 2,026 |
| 1964 | 32.1 | 6,799 | 5,743 | 208,490 | 66,827 | 11.636 | 2.810 | 2,044 |
| 1965 | 30.1 | 6,841 | 6,209 | 229,294 | 68,943 | 11.104 | 3.028 | 2,050 |
| 1966 | 32.1 | 7,029 | 6,327 | 228,245 | 73,195 | 11.568 | 3.152 | 2,007 |

SIC 2096 SHORTENING & COOKING OILS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-----------------|------------------------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 12,488 | 70,993 | 8,569 | 18,414 | 44,196 | 221,519 | 1,239,129 | 12,389 |
| 1959 | 12,399 | 73,197 | 8,618 | 18,481 | 45,440 | 229,493 | 1,189,574 | 12,488 |
| 1960 | 11,652 | 73,032 | 8,221 | 17,930 | 47,195 | 226,511 | 1,051,510 | 17,625 |
| 1961 | 12,781 | 81,149 | 8,751 | 18,422 | 50,519 | 222,399 | 1,285,272 | 20,269 |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 13,511 | 88,606 | 8,880 | 19,001 | 54,767 | 264,501 | 1,324,357 | 19,490 |
| 1964 | 11,848 | 83,234 | 7,613 | 17,003 | 51,672 | 272,277 | 1,325,710 | 22,704 |
| 1965 | 12,875 | 90,477 | 8,569 | 18,605 | 56,515 | 295,000 | 1,489,139 | 20,263 |
| 1966 | 13,563 | 99,446 | 10,182 | 20,488 | 64,233 | 350,364 | 1,687,562 | 17,291 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 17.9 | 5,685 | 5,158 | 144,606 | 25,851 | 5.012 | 2.400 | 2,149 |
| 1959 | 19.3 | 5,903 | 5,273 | 138,034 | 26,629 | 5.050 | 2.459 | 2,144 |
| 1960 | 21.5 | 6,268 | 5,741 | 127,905 | 27,553 | 4.799 | 2.632 | 2,181 |
| 1961 | 17.3 | 6,349 | 5,773 | 146,071 | 25,414 | 4.402 | 2.742 | 2,105 |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 20.0 | 6,558 | 6,167 | 149,139 | 29,786 | 4.830 | 2.882 | 2,140 |
| 1964 | 20.5 | 7,025 | 6,787 | 174,138 | 35,765 | 5.269 | 3.039 | 2,233 |
| 1965 | 19.8 | 7,027 | 6,595 | 173,782 | 34,426 | 5.220 | 3.038 | 2,171 |
| 1966 | 20.8 | 7,332 | 6,308 | 165,740 | 34,410 | 5.455 | 3.135 | 2,012 |

SIC 2097 MANUFACTURED ICE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 14,557 | 52,498 | 8,996 | 18,911 | 31,060 | 107,527 | 149,552 | 6,368 |
| 1959 | 13,292 | 49,441 | 8,625 | 18,320 | 30,107 | 105,923 | 145,304 | 3,317 |
| 1960 | 13,551 | 49,008 | 7,797 | 16,372 | 28,024 | 100,114 | 137,701 | 2,406 |
| 1961 | 13,189 | 48,288 | 7,477 | 15,809 | 26,965 | 100,757 | 138,983 | 3,186 |
| 1962 | 12,594 | 47,598 | 7,312 | 15,502 | 26,809 | 103,358 | 136,627 | 3,609 |
| 1963 | 10,757 | 42,872 | 6,714 | 14,056 | 25,905 | 90,204 | 122,550 | 5,741 |
| 1964 | 10,607 | 43,308 | 6,444 | 13,756 | 24,811 | 89,397 | 116,370 | 3,900 |
| 1965 | 10,430 | 43,668 | 6,606 | 14,610 | 26,839 | 93,683 | 125,606 | N.A. |
| 1966 | 10,068 | 44,585 | 6,475 | 14,521 | 27,045 | 97,990 | 124,207 | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 71.9 | 3,606 | 3,453 | 16,624 | 11,953 | 3.462 | 1.642 | 2,102 |
| 1959 | 72.9 | 3,720 | 3,491 | 16,847 | 12,281 | 3.518 | 1.643 | 2,124 |
| 1960 | 72.7 | 3,617 | 3,594 | 17,661 | 12,840 | 3.572 | 1.712 | 2,100 |
| 1961 | 72.5 | 3,661 | 3,606 | 18,588 | 13,476 | 3.737 | 1.706 | 2,114 |
| 1962 | 75.6 | 3,779 | 3,666 | 18,685 | 14,135 | 3.855 | 1.729 | 2,120 |
| 1963 | 73.6 | 3,985 | 3,858 | 18,253 | 13,435 | 3.482 | 1.843 | 2,094 |
| 1964 | 76.8 | 4,083 | 3,850 | 18,059 | 13,873 | 3.603 | 1.804 | 2,135 |
| 1965 | 74.6 | 4,187 | 4,063 | 19,014 | 14,182 | 3.491 | 1.837 | 2,212 |
| 1966 | 78.9 | 4,428 | 4,177 | 19,183 | 15,134 | 3.623 | 1.862 | 2,243 |

SIC 2098 MACARONI & SPAGHETTI

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 6,825 | 27,910 | 4,930 | 9,597 | 16,445 | 67,130 | 180,190 | 5,274 |
| 1959 | 6,780 | 28,935 | 4,854 | 9,316 | 16,188 | 73,506 | 192,266 | 4,678 |
| 1960 | 6,729 | 29,963 | 4,891 | 9,618 | 17,358 | 76,314 | 194,516 | 5,123 |
| 1961 | 6,859 | 32,395 | 5,010 | 10,235 | 19,138 | 79,702 | 199,571 | 4,518 |
| 1962 | 6,670 | 31,815 | 4,773 | 9,362 | 18,454 | 82,578 | 200,781 | 9,999 |
| 1963 | 7,270 | 35,495 | 5,095 | 10,368 | 21,176 | 96,012 | 222,947 | 4,786 |
| 1964 | 7,300 | 38,051 | 5,018 | 10,571 | 21,903 | 105,425 | 234,623 | N.A. |
| 1965 | 7,797 | 40,032 | 5,280 | 11,251 | 24,063 | 110,016 | 238,288 | 6,954 |
| 1966 | 7,410 | 40,135 | 5,187 | 10,861 | 23,639 | 106,152 | 237,650 | 8,364 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 37.3 | 4,089 | 3,336 | 36,550 | 13,617 | 4.082 | 1.714 | 1,947 |
| 1959 | 38.2 | 4,268 | 3,335 | 39,610 | 15,143 | 4.541 | 1.738 | 1,919 |
| 1960 | 39.2 | 4,453 | 3,549 | 39,770 | 15,603 | 4.396 | 1.805 | 1,966 |
| 1961 | 39.9 | 4,723 | 3,820 | 39,835 | 15,909 | 4.165 | 1.870 | 2,043 |
| 1962 | 41.1 | 4,770 | 3,866 | 42,066 | 17,301 | 4.475 | 1.971 | 1,961 |
| 1963 | 43.1 | 4,882 | 4,156 | 43,758 | 18,844 | 4.534 | 2.042 | 2,035 |
| 1964 | 44.9 | 5,212 | 4,365 | 46,756 | 21,009 | 4.813 | 2.072 | 2,107 |
| 1965 | 46.2 | 5,134 | 4,557 | 45,130 | 20,836 | 4.572 | 2.139 | 2,131 |
| 1966 | 44.7 | 5,416 | 4,557 | 45,816 | 20,465 | 4.491 | 2.177 | 2,094 |

SIC 2099 FOOD PREPARATIONS NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 49,169 | 205,919 | 34,495 | 67,544 | 117,745 | 604,722 | 1,393,174 | 31,121 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 54,008 | 269,515 | 35,460 | 70,844 | 143,955 | 842,849 | 1,786,005 | 39,892 |
| 1964 | 57,532 | 293,368 | 37,255 | 73,034 | 154,340 | 904,816 | 1,900,341 | 69,976 |
| 1965 | 56,476 | 294,422 | 38,826 | 78,270 | 165,563 | 940,496 | 2,061,646 | 61,244 |
| 1966 | 59,101 | 316,061 | 39,649 | 79,528 | 174,599 | 1,023,194 | 2,206,037 | 91,387 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 43.4 | 4,188 | 3,413 | 40,388 | 17,531 | 5.136 | 1.743 | 1,958 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 47.2 | 4,990 | 4,060 | 50,367 | 23,769 | 5.855 | 2.032 | 1,998 |
| 1964 | 47.6 | 5,099 | 4,143 | 51,009 | 24,287 | 5.862 | 2.113 | 1,960 |
| 1965 | 45.6 | 5,213 | 4,264 | 53,100 | 24,223 | 5.681 | 2.115 | 2,016 |
| 1966 | 46.4 | 5,348 | 4,404 | 55,639 | 25,806 | 5.860 | 2.195 | 2,006 |

TOBACCO MANUFACTURES

SIC 2111 CIGARETTES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 33,832 | 142,413 | 31,037 | 60,567 | 125,765 | 1,058,554 | 2,159,987 | 20,490 |
| 1959 | 36,769 | 159,725 | 33,427 | 65,129 | 139,852 | 1,115,364 | 2,315,963 | 27,776 |
| 1960 | 36,513 | 165,607 | 33,169 | 64,158 | 143,333 | 1,156,261 | 2,398,694 | 32,306 |
| 1961 | 36,102 | 171,640 | 32,579 | 63,605 | 147,816 | 1,220,896 | 2,495,831 | 29,705 |
| 1962 | 35,434 | 179,214 | 31,747 | 62,635 | 152,614 | 1,248,402 | 2,548,269 | 34,730 |
| 1963 | 35,568 | 183,046 | 31,966 | 62,986 | 158,847 | 1,310,325 | 2,655,346 | 29,651 |
| 1964 | 34,843 | 185,835 | 31,537 | 62,312 | 162,393 | 1,315,480 | 2,642,766 | 37,136 |
| 1965 | 35,924 | 198,901 | 32,335 | 60,524 | 171,091 | 1,366,081 | 2,719,866 | 33,333 |
| 1966 | 35,602 | 209,272 | 31,919 | 61,287 | 178,494 | 1,483,101 | 2,860,257 | 32,042 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 49.0 | 4,209 | 4,052 | 69,594 | 34,106 | 8.417 | 2.076 | 1,951 |
| 1959 | 48.2 | 4,344 | 4,184 | 69,284 | 33,367 | 7.975 | 2.147 | 1,948 |
| 1960 | 48.2 | 4,536 | 4,321 | 72,317 | 34,860 | 8.067 | 2.234 | 1,934 |
| 1961 | 48.9 | 4,754 | 4,537 | 76,609 | 37,475 | 8.260 | 2.324 | 1,952 |
| 1962 | 49.0 | 5,058 | 4,807 | 80,268 | 39,323 | 8.180 | 2.437 | 1,973 |
| 1963 | 49.3 | 5,146 | 4,969 | 83,068 | 40,991 | 8.249 | 2.522 | 1,970 |
| 1964 | 49.8 | 5,333 | 5,149 | 83,799 | 41,712 | 8.101 | 2.606 | 1,976 |
| 1965 | 50.2 | 5,537 | 5,291 | 84,115 | 42,248 | 7.985 | 2.827 | 1,872 |
| 1966 | 51.9 | 5,878 | 5,592 | 89,610 | 46,465 | 8.309 | 2.912 | 1,920 |

SIC 2121 CIGARS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 29,350 | 81,882 | 27,048 | 49,894 | 70,077 | 183,140 | 355,048 | 7,050 |
| 1959 | 28,374 | 81,231 | 26,029 | 48,541 | 68,912 | 199,748 | 381,197 | 6,114 |
| 1960 | 26,319 | 79,270 | 24,204 | 44,827 | 66,587 | 197,210 | 378,191 | 4,093 |
| 1961 | 23,415 | 73,170 | 21,301 | 39,763 | 60,675 | 186,827 | 359,326 | 3,217 |
| 1962 | 22,161 | 71,352 | 20,174 | 37,257 | 59,092 | 198,758 | 368,923 | 3,627 |
| 1963 | 20,731 | 68,108 | 18,965 | 35,044 | 57,790 | 192,998 | 358,463 | 4,246 |
| 1964 | 22,988 | 80,848 | 21,403 | 41,876 | 69,488 | 219,910 | 416,173 | 7,624 |
| 1965 | 21,041 | 76,403 | 19,317 | 35,900 | 63,832 | 220,846 | 405,036 | 9,589 |
| 1966 | 19,357 | 71,394 | 17,940 | 33,026 | 61,018 | 204,071 | 378,754 | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 51.6 | 2,790 | 2,591 | 13,127 | 6,771 | 2.613 | 1.405 | 1,845 |
| 1959 | 52.4 | 2,863 | 2,648 | 14,645 | 7,674 | 2.899 | 1.420 | 1,865 |
| 1960 | 52.1 | 3,012 | 2,751 | 15,625 | 8,148 | 2.962 | 1.485 | 1,852 |
| 1961 | 52.0 | 3,125 | 2,848 | 16,869 | 8,771 | 3.079 | 1.526 | 1,867 |
| 1962 | 53.9 | 3,220 | 2,929 | 18,287 | 9,052 | 3.364 | 1.586 | 1,847 |
| 1963 | 53.8 | 3,285 | 3,047 | 18,901 | 10,177 | 3.340 | 1.649 | 1,848 |
| 1964 | 52.8 | 3,517 | 3,247 | 19,445 | 10,275 | 3.165 | 1.659 | 1,957 |
| 1965 | 54.5 | 3,631 | 3,304 | 20,968 | 11,433 | 3.460 | 1.778 | 1,858 |
| 1966 | 53.9 | 3,688 | 3,401 | 21,112 | 11,375 | 3.344 | 1.848 | 1,841 |

SIC 2131 CHEWING & SMOKING TOBACCO

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 6,348 | 23,693 | 5,319 | 9,967 | 17,470 | 86,188 | 175,770 | 1,079 |
| 1959 | 4,617 | 18,219 | 3,607 | 6,899 | 12,464 | 72,507 | 134,334 | 1,355 |
| 1960 | 4,398 | 18,518 | 3,371 | 6,432 | 12,367 | 72,082 | 137,155 | 2,149 |
| 1961 | 4,654 | 22,112 | 3,618 | 6,729 | 13,138 | 76,104 | 144,666 | 1,192 |
| 1962 | 4,649 | 22,313 | 3,509 | 6,580 | 12,958 | 76,221 | 147,125 | N.A. |
| 1963 | 4,058 | 18,207 | 3,101 | 5,670 | 11,603 | 73,975 | 139,543 | 927 |
| 1964 | 5,054 | 24,398 | 3,812 | 6,802 | 14,225 | 93,681 | 174,639 | N.A. |
| 1965 | 4,437 | 21,003 | 3,472 | 6,484 | 13,560 | 75,784 | 144,511 | 6,367 |
| 1966 | 4,339 | 21,202 | 3,279 | 6,246 | 13,388 | 84,335 | 146,878 | 2,397 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 49.0 | 3,732 | 3,284 | 33,046 | 16,204 | 4.933 | 1.753 | 1,874 |
| 1959 | 54.0 | 3,946 | 3,456 | 37,243 | 20,102 | 5.817 | 1.807 | 1,913 |
| 1960 | 52.6 | 4,211 | 3,669 | 40,687 | 21,383 | 5.829 | 1.923 | 1,908 |
| 1961 | 52.6 | 4,751 | 3,631 | 39,985 | 21,035 | 5.793 | 1.952 | 1,860 |
| 1962 | 51.8 | 4,800 | 3,693 | 41,928 | 21,722 | 5.882 | 1.969 | 1,875 |
| 1963 | 53.0 | 4,487 | 3,742 | 44,999 | 23,855 | 6.376 | 2.046 | 1,828 |
| 1964 | 53.6 | 4,827 | 3,732 | 45,813 | 24,575 | 6.586 | 2.091 | 1,784 |
| 1965 | 52.4 | 4,734 | 3,906 | 41,622 | 21,827 | 5.589 | 2.091 | 1,868 |
| 1966 | 57.4 | 4,886 | 4,083 | 44,794 | 25,720 | 6.299 | 2.143 | 1,905 |

SIC 2141 TOBACCO STEMMING & REDRYING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 14,937 | 46,662 | 12,902 | 26,564 | 34,530 | 85,578 | 1,176,710 | 19,772 |
| 1959 | 13,356 | 44,980 | 11,399 | 24,545 | 33,230 | 92,804 | 1,216,031 | 17,731 |
| 1960 | 14,017 | 49,131 | 12,061 | 26,249 | 36,050 | 119,956 | 1,453,599 | 8,536 |
| 1961 | 13,285 | 49,575 | 11,452 | 24,943 | 36,216 | 106,121 | 1,488,265 | 14,943 |
| 1962 | 13,722 | 55,205 | 11,782 | 27,392 | 40,734 | 118,600 | 1,468,679 | 10,054 |
| 1963 | 16,973 | 61,137 | 14,547 | 28,335 | 43,256 | 103,296 | 1,366,602 | 19,019 |
| 1964 | 15,953 | 61,795 | 13,483 | 27,290 | 44,575 | 143,070 | 1,418,164 | 8,470 |
| 1965 | 13,153 | 53,068 | 11,026 | 22,028 | 36,462 | 103,014 | 1,378,886 | 9,882 |
| 1966 | 13,065 | 54,303 | 10,954 | 21,725 | 36,548 | 100,473 | 1,386,845 | 16,846 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | | | | | |
| 1958 | 7.3 | 3,124 | 2,676 | 91,204 | 6,633 | 2.478 | 1.300 | 2,059 |
| 1959 | 7.6 | 3,368 | 2,915 | 106,679 | 8,141 | 2.793 | 1.354 | 2,153 |
| 1960 | 8.3 | 3,505 | 2,989 | 120,521 | 9,946 | 3.327 | 1.373 | 2,176 |
| 1961 | 7.1 | 3,732 | 3,162 | 129,957 | 9,267 | 2.930 | 1.452 | 2,178 |
| 1962 | 8.1 | 4,023 | 3,457 | 124,654 | 10,066 | 2.912 | 1.487 | 2,325 |
| 1963 | 7.6 | 3,602 | 2,974 | 93,944 | 7,101 | 2.388 | 1.527 | 1,948 |
| 1964 | 10.1 | 3,874 | 3,306 | 105,182 | 10,611 | 3.210 | 1.633 | 2,024 |
| 1965 | 7.5 | 4,035 | 3,307 | 125,058 | 9,343 | 2.825 | 1.655 | 1,998 |
| 1966 | 7.2 | 4,156 | 3,336 | 126,606 | 9,172 | 2.749 | 1.682 | 1,983 |

Table II-6.--FOOD INDUSTRIES RANKED BY GROWTH IN VALUE OF SHIPMENTS, 1958-66

| Rank | SIC | Description | Value of shipments (\$ millions) | | Ratio 1966/1958 |
|------|------|---------------------------------------|-------------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 2087 | Flavorings..... | 477 | 974 | 2.04 |
| 2 | 2092 | Soybean Oil Mills..... | 1,081 | 2,010 | 1.86 |
| 3 | 2037 | Frozen Fruits and Vegetables..... | 1,026 | 1,885 | 1.84 |
| 4 | 2022 | Natural and Process Cheese..... | 874 | 1,552 | 1.78 |
| 5 | 2061 | Raw Cane Sugar..... | 178 | 313 | 1.76 |
| 6 | 2086 | Bottled and Canned Soft Drinks..... | 1,558 | 2,735 | 1.76 |
| 7 | 2032 | Canned Specialties..... | 847 | 1,457 | 1.72 |
| 8 | 2043 | Cereal Preparations..... | 444 | 743 | 1.67 |
| 9 | 2036 | Fresh and Frozen Packaged Fish..... | 310 | 493 | 1.59 |
| 10 | 2099 | Food Preparations, n.e.c..... | 1,393 | 2,206 | 1.58 |
| 11 | 2035 | Pickles, Sauces, Salad Dressings..... | 525 | 818 | 1.56 |
| 12 | 2073 | Chewing Gum..... | 185 | 282 | 1.52 |
| 13 | 2084 | Wines and Brandy..... | 264 | 401 | 1.52 |
| 14 | 2063 | Beet Sugar..... | 392 | 579 | 1.48 |
| 15 | 2044 | Rice Milling..... | 312 | 458 | 1.47 |
| 16 | 2015 | Poultry Dressing Plants..... | 1,888 | 2,754 | 1.46 |
| 17 | 2034 | Dehydrated Food Products..... | 273 | 395 | 1.45 |
| 18 | 2046 | Wet Corn Milling..... | 529 | 755 | 1.43 |
| 19 | 2085 | Distilled Liquor Except Brandy..... | 941 | 1,332 | 1.41 |
| 20 | 2031 | Canned and Cured Seafoods..... | 389 | 548 | 1.41 |
| 21 | 2033 | Canned Fruits and Vegetables..... | 2,334 | 3,216 | 1.38 |
| 22 | 2042 | Prepared Animal Feeds..... | 3,238 | 4,438 | 1.37 |
| 23 | 2071 | Confectionery Products..... | 1,229 | 1,681 | 1.37 |
| 24 | 2096 | Shortening and Cooking Oils..... | 1,239 | 1,688 | 1.36 |
| 25 | 2082 | Malt Liquors..... | 1,983 | 2,700 | 1.36 |
| 26 | 2052 | Biscuit, Crackers and Cookies..... | 983 | 1,327 | 1.35 |
| 27 | 2023 | Condensed and Evaporated Milk..... | 821 | 1,100 | 1.34 |
| 28 | 2091 | Cottonseed Oil Mills..... | 421 | 561 | 1.33 |
| 29 | 2098 | Macaroni and Spaghetti..... | 180 | 238 | 1.32 |
| 30 | 2011 | Meat Packing Plants..... | 11,972 | 15,069 | 1.26 |
| 31 | 2062 | Cane Sugar Refining..... | 997 | 1,220 | 1.22 |
| 32 | 2051 | Bread and Related Products..... | 4,099 | 5,007 | 1.22 |
| 33 | 2013 | Meat Processing Plants..... | 2,066 | 2,502 | 1.21 |
| 34 | 2024 | Ice Cream and Frozen Desserts..... | 951 | 1,142 | 1.20 |
| 35 | 2026 | Fluid Milk..... | 6,412 | 7,435 | 1.16 |
| 36 | 2041 | Flour Mills..... | 2,087 | 2,345 | 1.12 |
| 37 | 2072 | Chocolate and Cocoa Products..... | 447 | 471 | 1.05 |
| 38 | 2083 | Malt..... | 195 | 206 | 1.05 |
| 39 | 2095 | Roasted Coffee..... | 2,039 | 2,083 | 1.02 |
| 40 | 2021 | Creamery Butter..... | 1,023 | 976 | 0.95 |
| 41 | 2093 | Vegetable Oil Mills, n.e.c..... | 315 | 266 | 0.84 |
| 42 | 2097 | Manufactured Ice..... | 150 | 124 | 0.83 |
| 43 | 2094 | Animal and Marine Fats and Oils..... | 389 | n.a. | n.a. |
| 44 | 2045 | Blended and Prepared Flour..... | n.a. | 503 | n.a. |

TABLE II-7.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, FOOD AND TOBACCO, 1958-1966
(MILLIONS OF DOLLARS)

NOTE: See introduction for explanation of symbols.

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|----------------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| FOOD AND KINDRED PRODUCTS | | | | | | | | | | | |
| 2011- | MEAT SLAUGHTERING PLANT PRODUCTS | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 20111 | BEEF, FRESH & FROZEN | 5,019 | 5,355 | 5,396 | 5,337 | 5,717 | 5,708 | 6,018 | 6,429 | 6,899 | 1.37 |
| 20112 | VEAL, FRESH & FROZEN | 414 | 374 | 351 | 328 | 344 | 311 | 305 | 327 | 333 | .80 |
| 20113 | LAMB & MUTTON, FRESH & FROZEN | 305 | 308 | 296 | 287 | 291 | 300 | 298 | 308 | 335 | 1.10 |
| 20114 | PORK, FRESH & FROZEN | 2,124 | 2,056 | 2,074 | 2,177 | 2,240 | 2,203 | 2,346 | 2,505 | 2,800 | 1.32 |
| 20115 | LARD | 332 | 281 | 274 | 288 | 257 | 224 | 237 | 255 | 227 | .68 |
| 20117 | SAUSAGE (SEE 2013W) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 20119 | HIDES, SKINS, & PELTS | 196 | *366 | *340 | *356 | *368 | 223 | 218 | 275 | 380 | 1.94 |
| 20110 | OTHER MEAT PACKING PRODUCTS, EXC. SAUSAGE CASINGS, N.E.C. OR N.S.K. | 275 | 251 | 203 | 259 | 262 | 292 | 331 | 298 | 325 | NC |
| 2011V | PROCESSED PORK (INC. 20116 & 20136) | 1,822 | 1,695 | 1,606 | 1,634 | 1,621 | 1,635 | 1,675 | 1,800 | 1,937 | 1.06 |
| 2011X | CANNED MEATS (INC. 20118 & 20138) | 599 | 631 | 633 | 695 | 724 | 730 | 814 | 768 | 812 | 1.36 |
| 2013- | MEAT PROCESSING PLANT PRODUCTS | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 20136 | PROCESSED PORK (SEE 2011V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 20138 | CANNED MEATS (SEE 2011X) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 2013A | NATURAL SAUSAGE CASINGS, OTHER PROCESSED MEAT & PROCESSED MEATS, N.S.K. (INC. 20130 & 20139) | 139 | *122 | *137 | *147 | *196 | 165 | 162 | 176 | 181 | 1.30 |
| 2013W | SAUSAGE (INC. 20137 & 20117) | 1,526 | 1,501 | 1,510 | 1,585 | 1,634 | 1,756 | 1,852 | 1,984 | 2,296 | 1.50 |
| 2015- | POULTRY & SMALL GAME DRESSING PLANT PRODUCTS | 1,735 | 1,752 | 1,907 | 1,936 | 1,939 | 2,110 | 2,205 | 2,352 | 2,594 | 1.50 |

TABLE II-7.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, FOOD AND TOBACCO, 1958-1966-Con.
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 20151 | HENS (OR FOWL) & OTHER CHICKENS | 1,178 | 1,172 | 1,320 | 1,319 | 1,341 | 1,480 | 1,526 | 1,640 | 1,800 | 1.53 |
| 20153 | TURKEYS | 258 | 270 | 296 | 306 | 313 | 372 | 398 | 451 | 503 | 1.95 |
| 20154 | CANNED POULTRY | 26 | 34 | 34 | 35 | 36 | 39 | 44 | 44 | 60 | 2.33 |
| 20155 | OTHER POULTRY & SMALL GAME | 19 | 15 | 15 | 25 | 24 | 14 | 20 | 16 | 18 | 1.92 |
| 20156 | LIQUID, DRIED, & FROZEN EGGS | 151 | 160 | 146 | 156 | 129 | 140 | 156 | 151 | 170 | 1.13 |
| 20150 | POULTRY DRESSING PLANTS, N.S.K. | 103 | *101 | *97 | *95 | *97 | 65 | 62 | 48 | *43 | NC |
| 2021- | CREAMERY BUTTER | 802 | *841 | *875 | *914 | *989 | 820 | 866 | 768 | 741 | .92 |
| 20210 | CREAMERY BUTTER | 802 | *841 | *875 | *914 | *989 | 820 | 866 | 768 | 741 | .92 |
| 2022- | NATURAL & PROCESSED CHEESE | 762 | 853 | 941 | 1,035 | 1,025 | 1,070 | 1,123 | 1,172 | 1,396 | 1.83 |
| 20221 | NATURAL CHEESE, EXCEPT COTTAGE CHEESE | 516 | NA | NA | NA | NA | 681 | 707 | 766 | 920 | 1.78 |
| 20222 | PROCESS CHEESE & RELATED PRODUCTS | 246 | NA | NA | NA | NA | 389 | 416 | 406 | 476 | 1.93 |
| 2023- | CONDENSED & EVAPORATED MILK | 978 | 1,014 | 1,070 | 1,160 | 1,130 | 1,104 | 1,177 | 1,185 | 1,258 | 1.29 |
| 20231 | DRY MILK PRODUCTS | 421 | 433 | 505 | 600 | 590 | 504 | 564 | 548 | 573 | 1.36 |
| 20232 | CANNED MILK | 352 | 339 | 343 | 311 | 286 | 363 | 387 | 395 | 420 | 1.19 |
| 20233 | EVAPORATED MILK SHIPPED IN BULK | 84 | 93 | 87 | 94 | 87 | 75 | 74 | 83 | 97 | 1.15 |
| 20234 | ICE CREAM MIX & ICE MILK MIX | 118 | *148 | *134 | *156 | *165 | 158 | 148 | 155 | 163 | 1.38 |
| 20230 | CONDENSED & EVAPORATED MILK, N.S.K. | 2 | *2 | 2 | 2 | *2 | 4 | 4 | 3 | 5 | NC |
| 2024- | ICE CREAM & ICES | 1,138 | 1,193 | 1,231 | 1,243 | 1,237 | 1,210 | 1,271 | 1,264 | 1,330 | 1.17 |
| 20240 | ICE CREAM & ICES | 1,138 | 1,193 | 1,231 | 1,243 | 1,237 | 1,210 | 1,271 | 1,264 | 1,330 | 1.17 |
| 2026- | FLUID MILK | 5,577 | 5,732 | 5,860 | 5,907 | 5,977 | 6,017 | 6,189 | 6,155 | 6,434 | 1.15 |
| 20261 | BULK FLUID MILK & CREAM | 817 | 899 | 921 | 952 | 967 | 950 | 1,013 | 962 | 1,102 | 1.35 |
| 20262 | BOTTLED MILK & CREAM | 4,110 | 4,242 | 4,356 | 4,362 | 4,414 | 4,285 | 4,358 | 4,433 | 4,599 | 1.12 |
| 20263 | COTTAGE CHEESE | 185 | 190 | 209 | 209 | 213 | 189 | 192 | 194 | 206 | 1.11 |
| 20264 | BUTTERMILK, CHOCOLATE DRINKS, & OTHER FLAVORED MILK DRINKS | 213 | 230 | 234 | 251 | 259 | 253 | 271 | 267 | 281 | 1.32 |
| 20260 | FLUID MILK, N.S.K. | 251 | *170 | *140 | *133 | *125 | 339 | 355 | 300 | 246 | NC |
| 2031- | CANNED & CURED SEAFOODS | 367 | 336 | 377 | 384 | 398 | 384 | 379 | 419 | 470 | 1.28 |
| 20310 | CANNED & CURED SEAFOODS | 367 | 336 | 377 | 384 | 398 | 384 | 379 | 419 | 470 | 1.28 |
| 2032- | CANNED SPECIALTIES | 828 | 858 | 909 | 958 | 985 | 947 | 997 | 1,104 | 1,166 | 1.41 |
| 20321 | CANNED BABY FOOD, EXC. MEAT | 185 | 189 | 190 | 203 | 215 | 231 | 232 | 246 | 238 | 1.28 |
| 20323 | CANNED DRY BEANS | 167 | 180 | 186 | *203 | *203 | 200 | 216 | 246 | 256 | 1.53 |
| 2032A | CANNED & FROZEN SOUPS (EXC. SEAFOOD) & OTHER CANNED SPECIALTIES (INC. 20322 & 20324) | 475 | 489 | 533 | 552 | 567 | 515 | 548 | 613 | 673 | 1.41 |
| 2033- | CANNED FRUITS & VEGETABLES | 2,192 | 2,218 | 2,358 | 2,471 | 2,500 | 2,584 | 2,779 | 2,798 | 3,022 | 1.38 |
| 20331 | CANNED FRUITS | 640 | 659 | 679 | 726 | 741 | 722 | 823 | 768 | 824 | 1.29 |
| 20332 | CANNED VEGETABLES, EXCEPT HOMINY & MUSHROOMS | 639 | 623 | 652 | 697 | 692 | 768 | 762 | 827 | 883 | 1.38 |
| 20333 | CANNED HOMINY & MUSHROOMS | 35 | 38 | 36 | 40 | 41 | 39 | 44 | 42 | 44 | 1.25 |
| 20334 | CANNED FRUIT JUICES | 294 | 284 | 311 | 306 | 301 | 381 | 417 | 397 | 444 | 1.51 |
| 20335 | CANNED VEGETABLE JUICES | 93 | 88 | 90 | 95 | 97 | 91 | 100 | 98 | 95 | 1.02 |
| 20336 | CATSUP & OTHER TOMATO SAUCES | 246 | 234 | 280 | 293 | 325 | 298 | 342 | 391 | 450 | 1.83 |
| 20338 | JAMS, JELLIES, & PRESERVES | 198 | 231 | 239 | 253 | 250 | 227 | 244 | 237 | 251 | 1.27 |
| 20330 | CANNED FRUITS & VEGETABLES, N.S.K. | 47 | 62 | 71 | 61 | 52 | 59 | 47 | *38 | *33 | NC |
| 2034- | DEHYDRATED FOODS PRODUCTS | 277 | 277 | 292 | 296 | 305 | 335 | 337 | 385 | 435 | 1.57 |
| 20341 | DRIED & DEHYDRATED FRUITS & VEGETABLES & FREEZE DRIED PRODUCTS, EXCEPT SOUPS | NA | NA | NA | NA | NA | 285 | 282 | 328 | 366 | NA |
| 20342 | SOUP MIXES | NA | NA | NA | NA | NA | 45 | 50 | 51 | 64 | NA |
| 20340 | DEHYDRATED FOODS PRODUCTS, N.S.K. | NA | NA | NA | NA | NA | 6 | 5 | *5 | *5 | NC |
| 2035- | PICKLED PRODUCTS, SAUCES, & SALAD DRESSINGS | 496 | 523 | 546 | 584 | 614 | 619 | 657 | 702 | 768 | 1.55 |
| 20352 | PICKLES & OTHER PICKLED PRODUCTS | 170 | 191 | 202 | 212 | 219 | 220 | 233 | 238 | 261 | 1.53 |
| 20353 | MEAT SAUCES (EXC. TOMATO) & UNFINISHED PICKLES | 68 | 75 | 80 | 82 | 89 | 102 | 101 | 107 | 111 | 1.65 |
| 20354 | SALAD DRESSINGS, MAYONNAISE, & SANDWICH SPREADS | 241 | 237 | 231 | 258 | 271 | 279 | 305 | 348 | 387 | 1.61 |
| 20350 | PICKLES, SAUCES, SALAD DRESSINGS, N.S.K. | 18 | *20 | *32 | *31 | *35 | 18 | 19 | *8 | *8 | NC |

TABLE II-7.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, FOOD AND TOBACCO, 1958-1966-Con.
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 2036- | FRESH & FROZEN PACKAGED FISH | 274 | 289 | 292 | 293 | 304 | 363 | 396 | 429 | 445 | 1.62 |
| 20361 | FROZEN PACKAGED FISH & OTHER SEAFOOD (INC. SOUPS) | 203 | 211 | 224 | 228 | 239 | 267 | 288 | 327 | 333 | 1.64 |
| 20362 | FRESH PACKAGED FISH & OTHER SEAFOOD | 58 | *60 | *54 | *52 | *51 | 77 | 86 | 89 | 101 | 1.73 |
| 20360 | FRESH & FROZEN PACKAGED FISH, N.S.K. | 12 | *17 | *14 | *14 | *14 | 19 | 23 | 14 | *12 | NC |
| 2037- | FROZEN FRUITS, FRUIT JUICES, VEGETABLES & SPECIALTIES | 916 | 998 | 1,124 | 1,198 | 1,250 | 1,461 | 1,560 | 1,709 | 1,842 | 2.01 |
| 20371 | FROZEN FRUITS, JUICES & ADES | 358 | 416 | 415 | 433 | 421 | 436 | 449 | 414 | 421 | 1.18 |
| 20372 | FROZEN VEGETABLES | 231 | *234 | *271 | *289 | *291 | 396 | 439 | 512 | 565 | 2.44 |
| 20373 | FROZEN PREPARED FOODS & SOUPS | 319 | 340 | 434 | 474 | 539 | 608 | 646 | 765 | 838 | 2.63 |
| 20370 | FROZEN FRUITS & VEGETABLES, N.S.K. | 8 | *9 | *4 | *1 | Z | 20 | 25 | *19 | *19 | NC |
| 2041- | FLOUR & OTHER GRAIN MILL PRODUCTS | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 20411 | WHEAT FLOUR, EXCEPT BLENDED OR PREPARED | 1,399 | 1,352 | 1,429 | 1,455 | 1,535 | 1,491 | 1,503 | 1,482 | 1,596 | 1.14 |
| 20412 | WHEAT BRAN & MIDDINGS | 168 | 178 | 181 | 180 | 189 | 200 | 201 | 192 | 207 | 1.23 |
| 20413 | CORN MEAL (FOR HUMAN & ANIMAL USE) | 69 | 58 | 63 | 67 | 72 | 75 | 79 | 93 | 99 | 1.43 |
| 20415 | PREPARED FLOUR & FLOUR MIXES (SEE 2045V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 20416 | GRAIN MILL PRODUCTS, N.E.C. | 119 | 121 | 118 | 123 | 128 | 164 | 172 | 187 | 211 | 1.78 |
| 20410 | FLOUR PILLS, N.S.K. | 25 | *39 | *26 | *27 | *28 | 26 | 21 | *29 | *33 | NC |
| 2042- | PREPARED FOODS FOR ANIMALS | 3,076 | 3,104 | 3,125 | 3,391 | 3,517 | 3,677 | 3,653 | 3,731 | 4,157 | 1.35 |
| 20421 | POULTRY FEEDS | 1,474 | 1,351 | 1,336 | 1,480 | 1,456 | 1,445 | 1,401 | 1,447 | 1,582 | 1.07 |
| 20422 | LIVESTOCK FEEDS | 959 | 1,051 | 1,049 | 1,140 | 1,225 | 1,388 | 1,349 | 1,409 | 1,638 | 1.71 |
| 20423 | DOG & CAT FOOD | 305 | 313 | 343 | 354 | 366 | 442 | 492 | 508 | 568 | 1.86 |
| 20424 | OTHER PREPARED ANIMAL FEEDS | 236 | 279 | 289 | 310 | 321 | 280 | 288 | 289 | 300 | 1.27 |
| 20420 | PREPARED ANIMAL FEEDS, N.S.K. | *102 | *111 | *107 | *108 | *149 | 122 | 123 | *78 | *70 | NC |
| 2043- | CEREAL PREPARATIONS | 432 | 442 | 452 | 484 | 517 | 561 | 608 | 652 | 691 | 1.60 |
| 20430 | CEREAL BREAKFAST FOODS | 432 | 442 | 452 | 484 | 517 | 561 | 608 | 652 | 691 | 1.60 |
| 2044- | MILLED RICE & BYPRODUCTS | 281 | 268 | 281 | 295 | 374 | 407 | 438 | 448 | 450 | 1.60 |
| 20440 | MILLED RICE & BYPRODUCTS | 281 | 268 | 281 | 295 | 374 | 407 | 438 | 448 | 450 | 1.60 |
| 2045- | PREPARED FLOUR & FLOUR MIXES | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 2045V | PREPARED FLOUR & FLOUR MIXES (INC. 20455 & 20415) | 356 | 346 | 410 | 429 | 409 | 526 | 605 | 518 | 562 | 1.58 |
| 2046- | WET CORN MILLING PRODUCTS | 483 | 488 | 494 | 534 | 553 | 547 | 547 | 618 | 655 | 1.36 |
| 20460 | WET CORN MILLING | 483 | 488 | 494 | 534 | 553 | 547 | 547 | 618 | 655 | 1.36 |
| 2051- | BREAD & RELATED PRODUCTS | 3,556 | 3,712 | 3,791 | 3,804 | 3,836 | 3,830 | 3,933 | 4,012 | 4,264 | 1.20 |
| 20511 | BREAD & BREAD-TYPE ROLLS | 2,221 | 2,325 | 2,410 | 2,457 | 2,456 | 2,497 | 2,552 | 2,586 | 2,774 | 1.25 |
| 20512 | SWEET YEAST GOODS | 295 | 327 | 346 | 346 | 355 | 330 | 357 | 369 | 384 | 1.30 |
| 20513 | SOFT CAKES | 413 | 430 | 423 | 411 | 417 | 438 | 450 | 472 | 491 | 1.19 |
| 20514 | PIES | 201 | 214 | 219 | 208 | 219 | 206 | 215 | 228 | 232 | 1.15 |
| 20515 | PASTRIES & COOKIES | 40 | 26 | *37 | *25 | *22 | 51 | 51 | 74 | 97 | 2.42 |
| 20517 | DOUGHNUTS (CAKE TYPE) | 125 | 128 | *134 | *132 | *140 | 141 | 149 | 158 | 168 | 1.34 |
| 20510 | BREAD & RELATED PRODUCTS, N.S.K. | 260 | 262 | 222 | 224 | 227 | 166 | 160 | *126 | *118 | NC |
| 2052- | BISCUIT, CRACKERS, & COOKIES | 982 | 1,000 | 1,046 | 1,060 | 1,119 | 1,138 | 1,177 | 1,211 | 1,295 | 1.32 |
| 20521 | BISCUITS, CRACKERS, & PRETZELS | 350 | 382 | 397 | 409 | 415 | 450 | 461 | 461 | 464 | 1.33 |
| 20522 | OTHER DRY BAKERY PRODUCTS, (INC. MACHINE-MADE COOKIES & ICE CREAM CONES) | 619 | 597 | 622 | 629 | 683 | 680 | 707 | 743 | 822 | 1.33 |
| 20520 | BISCUIT, CRACKERS, & COOKIES, N.S.K. | 13 | 21 | 27 | 21 | 21 | 8 | 9 | 8 | *9 | NC |
| 2061- | SUGAR CANE MILL PRODUCTS & BYPRODUCTS | 159 | *180 | *192 | *217 | *226 | 373 | 321 | 291 | 310 | 1.96 |
| 20610 | SUGAR CANE MILL PRODUCTS & BYPRODUCTS | 159 | *180 | *192 | *217 | *226 | 373 | 321 | 291 | 310 | 1.96 |
| 2062- | REFINED CANE SUGAR & BYPRODUCTS | NA | NA | NA | NA | NA | 1,255 | 1,172 | 1,150 | 1,191 | NA |
| 20620 | REFINED CANE SUGAR | NA | NA | NA | NA | NA | 1,255 | 1,172 | 1,150 | 1,191 | NA |

TABLE II-7.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, FOOD AND TOBACCO, 1958-1966-Con.
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-----------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 20921 | SOYBEAN OIL | 426 | 420 | 402 | 408 | 422 | 459 | 469 | 581 | 642 | 1.51 |
| 20922 | OTHER SOYBEAN OIL MILL PRODUCTS | 487 | 566 | 551 | 572 | 660 | 831 | 826 | 854 | 1,036 | 2.13 |
| 20920 | SOYBEAN OIL MILLS, N.S.K. | 6 | 9 | 11 | 9 | 9 | 3 | 4 | 2 | 2 | NC |
| 2093- | VEGETABLE OIL MILL PRODUCTS, N.E.C. | 189 | 225 | 201 | 204 | 198 | 197 | 220 | 214 | 227 | 1.20 |
| 20931 | LINSEED OIL | 63 | 68 | 53 | 54 | 60 | 50 | 62 | 51 | 52 | .82 |
| 20932 | VEGETABLE OILS (OTHER THAN COTTONSEED, SOYBEAN, & LINSEED) | 83 | 125 | 121 | *120 | *110 | 105 | 115 | 110 | 113 | 1.37 |
| 2093A | OTHER & NOT SPECIFIED VEGETABLE OIL MILL PRODUCTS, EXCEPT COTTONSEED & SOYBEAN (INC. 20933 & 20930) | 43 | 32 | 27 | *30 | *27 | 41 | 43 | 54 | 62 | 1.43 |
| 2094- | ANIMAL & MARINE FATS & OILS | 534 | 491 | 456 | 536 | 543 | 643 | 718 | 810 | 857 | 1.60 |
| 20941 | GREASE & INEDIBLE TALLOW | 247 | 227 | 219 | 252 | 230 | 264 | 338 | 388 | 418 | 1.70 |
| 20942 | FEED & FERTILIZER BYPRODUCTS | 174 | 170 | 145 | *171 | *193 | 247 | 253 | 275 | 291 | 1.67 |
| 20943 | ANIMAL & MARINE OIL MILL PRODUCTS, INC. FOODS | 104 | *83 | *82 | *103 | *110 | 111 | 107 | 120 | 134 | 1.28 |
| 20940 | ANIMAL & MARINE FATS & OILS, N.S.K. | 9 | 10 | 10 | 9 | 10 | 21 | 21 | *27 | *14 | NC |
| 2095- | ROASTED COFFEE | 1,768 | 1,655 | 1,731 | 1,654 | 1,634 | 1,603 | 1,833 | 1,817 | 1,795 | 1.02 |
| 20951 | ROASTED COFFEE, WHOLE BEAN OR GROUND | 1,367 | NA | NA | NA | NA | 1,206 | 1,385 | 1,446 | 1,415 | 1.03 |
| 20952 | CONCENTRATED COFFEE | 401 | NA | NA | NA | NA | 396 | 448 | 370 | 380 | .95 |
| 2096- | SHORTENING & COOKING OILS | 1,191 | 1,049 | 992 | 1,200 | 1,264 | 1,231 | 1,301 | 1,475 | 1,641 | 1.38 |
| 20961 | SHORTENING & COOKING OILS | 895 | 780 | 715 | 864 | 930 | 907 | 955 | 1,103 | 1,210 | 1.35 |
| 20962 | MARGARINE | 296 | 269 | 276 | 336 | 334 | 323 | 346 | 372 | 431 | 1.46 |
| 2097- | MANUFACTURED ICE | 115 | 114 | 111 | 111 | 108 | 95 | 90 | 93 | 97 | .84 |
| 20970 | MANUFACTURED ICE | 115 | 114 | 111 | 111 | 108 | 95 | 90 | 93 | 97 | .84 |
| 2098- | MACARONI & NOODLE PRODUCTS | 165 | 179 | 178 | 178 | 190 | 216 | 233 | 222 | 225 | 1.36 |
| 20980 | MACARONI & NOODLE PRODUCTS | 165 | 179 | 178 | 178 | 190 | 216 | 233 | 222 | 225 | 1.36 |
| 2099- | FOOD PREPARATIONS, N.E.C. | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 20991 | DESSERTS (READY-TO-MIX) | 139 | 148 | 150 | 142 | 156 | 192 | 179 | 215 | 225 | 1.62 |
| 20992 | CHIPS (POTATO, CORN, ETC.) | 294 | 340 | 381 | 424 | 472 | 466 | 501 | 538 | 581 | 1.98 |
| 20993 | SWEETENING SIRUPS & MOLASSES | 96 | 114 | 116 | 122 | 130 | 137 | 150 | 137 | 141 | 1.47 |
| 20994 | BAKING POWDER & YEAST | 83 | 86 | 85 | 86 | 87 | 81 | 82 | 80 | 83 | .99 |
| 20996 | VINEGAR & CIDER | 44 | 48 | 57 | 65 | 69 | 54 | 57 | 52 | 53 | 1.19 |
| 20998 | OTHER CHOCOLATE & COCOA PRODUCTS (SEE 2072V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 20999 | OTHER FOOD PREPARATIONS, N.E.C. | 684 | 755 | 859 | 891 | 927 | 883 | 922 | 991 | 1,080 | 1.58 |
| 20990 | FOOD PREPARATIONS, N.E.C., N.S.K. | 77 | 77 | 94 | 97 | 99 | 99 | 99 | 79 | 76 | NC |
| TOBACCO MANUFACTURES | | | | | | | | | | | |
| 2111- | CIGARETTES | 2,137 | 2,230 | 2,314 | 2,410 | 2,461 | 2,568 | 2,536 | 2,619 | 2,754 | 1.29 |
| 21110 | CIGARETTES | 2,137 | 2,230 | 2,314 | 2,410 | 2,461 | 2,568 | 2,536 | 2,619 | 2,754 | 1.29 |
| 2121- | CIGARS | 351 | 379 | 374 | 363 | 370 | 353 | 419 | 403 | 382 | 1.09 |
| 21210 | CIGARS | 351 | 379 | 374 | 363 | 370 | 353 | 419 | 403 | 382 | 1.09 |
| 2131- | CHEWING & SMOKING TOBACCO & SNUFF | 193 | 212 | 217 | 227 | 232 | 218 | 261 | 228 | 233 | 1.21 |
| 21310 | CHEWING & SMOKING TOBACCO & SNUFF | 193 | 212 | 217 | 227 | 232 | 218 | 261 | 228 | 233 | 1.21 |
| 2141- | TOBACCO STEMMING & REDRYING | 976 | 1,038 | 1,193 | 1,222 | 1,206 | 1,130 | 1,141 | 1,131 | 1,153 | 1.18 |
| 21411 | TOBACCO REDRIED | 223 | 204 | 185 | 190 | 196 | 165 | 162 | 128 | 130 | .58 |
| 21412 | TOBACCO STEMMED | 753 | 834 | 1,008 | 1,032 | 1,010 | 964 | 979 | 1,003 | 1,023 | 1.36 |

Table II-8.--IMPORTS--FOOD AND TOBACCO, 1958-66

| Product code | Title | Imports (million dollars) | | | | | | | | |
|----------------------|---|---------------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| | | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 |
| 20 | Food and kindred products, total ¹ | 1,601.1 | 1,741.9 | 1,675.0 | 1,698.2 | 1,899.2 | 2,120.5 | 1,972.2 | 2,007.9 | 2,452.0 |
| 2011, 2013 | Meat Products ² | 392.8 | 484.1 | 396.1 | 450.9 | 547.6 | 601.4 | 505.2 | 526.0 | 712.5 |
| 20111 | Beef, except sausage and canned..... | 117.4 | 191.2 | 143.4 | 188.3 | 265.3 | 307.6 | 228.4 | 202.9 | 309.4 |
| 20112 | Veal, except sausage and canned..... | 5.1 | 6.2 | 5.8 | 6.0 | 8.9 | 9.9 | 6.5 | 6.8 | 9.9 |
| 20113 | Lamb and mutton, except sausage and canned..... | 5.5 | 13.5 | 10.9 | 13.5 | 16.2 | 18.3 | 10.2 | 10.4 | 21.3 |
| 20114 | Pork, fresh or frozen, except sausage and canned..... | 19.9 | 15.9 | 14.0 | 14.0 | 15.3 | 13.8 | 14.2 | 19.2 | 18.5 |
| 20115 | Lard..... | Z | Z | Z | Z | Z | Z | Z | Z | -- |
| 20116, 20136 | Pork processed, except sausage and canned..... | 1.6 | 2.6 | 4.4 | 4.4 | 4.6 | 5.4 | 4.9 | 6.0 | 5.4 |
| 20117, 20137 | Sausage, except canned..... | 1.1 | 1.5 | 1.4 | 1.3 | 1.5 | 1.6 | 1.7 | 1.6 | 2.2 |
| 20118, 20138 | Canned meats..... | 166.6 | 149.6 | 128.2 | 140.2 | 145.6 | 156.2 | 135.1 | 167.6 | 214.3 |
| 20119 | Hides, skins, and pelts..... | 52.0 | 84.7 | 67.9 | 61.8 | 63.4 | 59.5 | 71.9 | 73.1 | 83.7 |
| 20110 | Other meat packing plants..... | 39.2 | 38.6 | 37.6 | 38.1 | 11.0 | 11.8 | 14.9 | 17.7 | 26.2 |
| 20139 pt | Natural sausage casings..... | 14.4 | 10.3 | 12.5 | 13.2 | 15.9 | 17.3 | 17.4 | 20.6 | 21.6 |
| 2015 | Poultry and small game products ⁴ | 2.6 | 2.2 | 2.8 | 2.4 | 3.3 | 3.5 | 2.7 | 3.1 | 6.1 |
| 20151, 3-5 | Hens, turkeys, chickens, and other small game ⁴ | 2.6 | 2.1 | 2.7 | 2.4 | 3.3 | 3.5 | 2.7 | 3.0 | 3.7 |
| 20156 | Liquid, dried, and frozen eggs..... | Z | .1 | .1 | Z | Z | Z | Z | Z | 2.4 |
| 2021 | Butter and anhydrous butterfat..... | .4 | .4 | .5 | .4 | .4 | .4 | .4 | .4 | .4 |
| 2022; 20263 | Cheese..... | 27.3 | 30.8 | 31.3 | 35.6 | 36.3 | 37.3 | 39.5 | 43.0 | 60.1 |
| 2023 | Concentrated milk: | | | | | | | | | |
| 20231, 4 | Dry milk product ⁵ | 17.8 | 18.3 | 18.1 | 18.3 | 17.4 | 15.6 | 20.5 | 26.8 | 29.2 |
| 20232, 3 | Condensed and evaporated milk, n.e.c.... | Z | Z | Z | .1 | Z | .1 | .2 | .3 | .5 |
| 2024; 20261, 2, 4 | Dairy products, n.e.c..... | Z | Z | Z | Z | Z | 1.6 | 2.0 | 2.5 | 3.2 |
| 2031 | Canned and cured seafood..... | 78.4 | 69.3 | 81.5 | 84.5 | 91.2 | 88.7 | 91.5 | 88.1 | 104.8 |
| 2032, 3, 7 | Canned and frozen fruits, vegetables, and specialties ⁷ | 52.8 | 60.3 | 70.1 | 81.5 | 80.5 | 85.8 | 100.6 | 108.3 | 124.8 |
| 20322, 4 | Canned soups, except frozen or seafood ⁸ | .4 | .7 | .7 | .8 | 1.5 | .7 | .7 | .8 | 2.4 |
| 20331, 4, 20371 | Fruits, canned or frozen; fruit juices ¹¹ | 19.3 | 26.5 | 35.0 | 35.4 | 33.1 | 40.8 | 53.5 | 55.7 | 60.4 |
| 20332, 3, 20323 | Canned vegetables | 30.6 | 30.2 | 31.5 | 38.5 | 40.3 | 39.1 | 44.4 | 49.7 | 59.1 |
| 20336 | Tomato catsup, sauces, and pastes..... | 1.0 | 1.0 | 1.2 | 4.5 | 4.7 | 2.8 | | | |
| 20335 | Vegetable juices, canned..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | Z | Z | .2 |
| 20338 | Jams, jellies, preserves..... | 1.5 | 1.7 | 1.6 | 1.6 | 1.7 | 2.4 | 2.0 | 2.1 | 2.7 |
| 2034 | Dried and dehydrated food products..... | 5.4 | 6.4 | 5.9 | 7.1 | 6.9 | 8.6 | 9.2 | 10.1 | 6.5 |
| 20353 | Meat sauces..... | 1.5 | .7 | 1.7 | 1.9 | 2.3 | 2.3 | 2.4 | 2.6 | 2.8 |
| 2041, 5 | Flour and meal..... | ¹⁰ 11.4 | ¹⁰ 11.2 | ¹⁰ 11.2 | ¹⁰ 8.8 | ¹⁰ 7.7 | ¹⁰ 11.8 | ¹⁰ 7.7 | ¹⁰ 11.3 | ¹⁰ 8.4 |
| 2042 | Prepared feeds..... | | | | | | | ¹⁰ 10.9 | ¹⁰ 11.5 | ¹⁰ 11.5 |
| 2043 | Cereal preparations..... | .1 | .1 | .2 | .2 | .2 | .3 | .3 | .9 | .8 |

Table II-8.--IMPORTS--FOOD AND TOBACCO, 1958-66--Con.

| Product code | Title | Imports (million dollars) | | | | | | | | |
|-----------------|---|---------------------------|--------|--------|--------|--------|--------|-------|-------|-------|
| | | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 |
| 2044 | Milled rice and byproducts..... | .6 | .7 | 2.6 | .7 | 1.2 | .1 | .6 | 3.5 | .8 |
| 2046 | Wet corn milling products..... | 12.6 | 13.9 | 17.2 | 18.6 | 14.2 | 16.2 | 13.4 | 17.6 | 18.1 |
| 2051, 2 | Bread and other bakery products..... | 7.5 | 8.1 | 9.5 | 8.9 | 11.1 | 10.9 | 13.3 | 14.2 | 18.1 |
| 20511 | Bread..... | .7 | .8 | 1.1 | 1.5 | 1.5 | 1.5 | 1.9 | 2.1 | 2.2 |
| 20512-7, 2052 | Other baked goods..... | 6.8 | 7.3 | 8.4 | 7.7 | 9.6 | 9.4 | 11.4 | 12.0 | 15.9 |
| 2061, 2, 3 | Sugar and byproducts..... | 565.2 | 533.9 | 549.2 | 485.5 | 540.4 | 655.2 | 494.6 | 466.5 | 534.1 |
| 2071, 20722 | Candy and other confectionery products.... | 18.0 | 20.3 | 22.7 | 23.4 | 27.6 | 33.8 | 36.8 | 32.5 | 36.2 |
| 20721, 8, 20998 | Chocolate and cocoa products, except confectionery..... | 27.8 | 33.4 | 31.0 | 27.2 | 23.6 | 20.2 | 22.5 | 19.2 | 19.4 |
| 2073 | Chewing gum and base..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | .4 | .7 | .6 |
| 2082, 3 | Malt liquors, malt, and brewing byproducts ¹¹ | 20.8 | 22.9 | 23.7 | 25.6 | 29.0 | 26.8 | 29.6 | 26.3 | 28.5 |
| 2084 | Wine and brandy..... | 44.5 | 48.2 | 52.9 | 57.8 | 65.5 | 68.5 | 73.4 | 79.2 | 89.7 |
| 20853 | Bottled liquors, except brandy ¹² | 168.7 | 189.8 | 206.4 | 215.5 | 234.4 | 248.5 | 281.7 | 322.5 | 353.9 |
| 2086 | Beverages, n.e.c..... | .1 | .2 | .2 | .3 | .2 | .2 | .3 | .3 | .3 |
| 2087 | Flavorings..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | 6.2 | 6.6 | 7.1 |
| 2091 | Cottonseed oil mill products ¹³ | 7.3 | 8.8 | 5.8 | 6.8 | 7.9 | 6.5 | 5.4 | 6.0 | 9.1 |
| 20911, 2 | Cottonseed oil, crude and refined..... | -- | -- | -- | -- | Z | -- | -- | -- | .1 |
| 20913 | Cotton linters..... | 3.4 | 3.8 | 4.1 | 4.1 | 4.9 | 3.9 | 4.1 | 4.4 | 6.0 |
| 20914 | Cottonseed cake and meal and other byproducts ¹³ | 3.9 | 5.1 | 1.7 | 2.7 | 3.0 | 2.6 | 1.3 | 1.5 | 2.9 |
| 2092 | Soybean oil mill products..... | Z | Z | Z | Z | -- | -- | -- | -- | Z |
| 2093, 6 | Vegetable oil mill products, n.e.c..... | 76.1 | 82.7 | 73.9 | 71.2 | 78.2 | 84.4 | 97.2 | 100.6 | 119.0 |
| 20931 | Linseed oil..... | Z | Z | Z | Z | Z | Z | Z | Z | Z |
| 20932, 20961 | Vegetable oils, n.e.c., including shortening and cooking oils ¹⁴ | 70.8 | 79.3 | 71.7 | 68.3 | 75.9 | 82.7 | 95.3 | 99.0 | 117.6 |
| 20962 | Margarine..... | .7 | .8 | .6 | .8 | .7 | .6 | -- | -- | Z |
| 20933 | Other vegetable oil mill products, n.e.c..... | 4.6 | 2.6 | 1.6 | 2.1 | 1.6 | 1.1 | 1.9 | 1.6 | 1.4 |
| 2094 | Grease and inedible tallow and byproducts.. | 1519.3 | 1524.6 | 1517.0 | 1522.5 | 1529.6 | 1542.5 | 52.1 | 36.7 | 66.3 |
| 2095 | Roasted and concentrated coffee..... | 9.8 | 12.6 | 8.8 | 8.3 | 7.9 | 9.3 | 10.7 | 5.9 | 12.6 |
| 20951 | Roasted coffee..... | .3 | 3.7 | .6 | 2.9 | 3.1 | 1.9 | 3.3 | 2.5 | 1.6 |
| 20952 | Concentrated coffee..... | 9.4 | 8.9 | 8.2 | 5.4 | 4.8 | 7.4 | 7.4 | 3.4 | 11.0 |
| 2098 | Macaroni and noodle products..... | 1.2 | 1.4 | 1.3 | 1.2 | 1.5 | 1.6 | 1.8 | 1.7 | 2.3 |
| 2099 pt. | Food preparations, n.e.c.: Sweetening sirups and molasses..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | .1 | .1 | .1 |
| 20993 | Baking powder and yeast..... | Z | .2 | .2 | .3 | .5 | .4 | .6 | .8 | .6 |
| 20994 | Vinegar and cider..... | .3 | .8 | .7 | 1.3 | .8 | 1.0 | .3 | .3 | .3 |
| 20996 | Miscellaneous food and kindred products ¹⁶ .. | 30.8 | 34.6 | 32.4 | 31.4 | 31.8 | 37.0 | 35.0 | 35.7 | 63.5 |
| 2000 | Tobacco manufactures, total ¹⁷ | 4.5 | 5.3 | 5.9 | 4.6 | 3.3 | 3.6 | 5.5 | 5.2 | 6.6 |

Table II-8.--IMPORTS--FOOD AND TOBACCO, 1958-66---Con.

[illegible]

--Represents zero.
x--Not applicable.
z--Less than \$0.05 million or 0.5%.
n.a.--Not available.
n.e.c.--Not elsewhere classified.

¹Imports do not include fresh or frozen fish (code 2036). See Major Group 09.

²All imports of edible offal are included in code 20111. Some prepared beef of code 20111 is included in code 20118 for 1963 and earlier years; 1964 value was \$5.4 million.

³Does not include some shipments of horsemeat.

⁴Imports are largely frog meat.

⁵Imports are virtually all casein.

⁸ Does not include some tuna.

7 Imports of frozen vegetables (code 20372) are in code 0123. Imports of canned baby foods (code 20321) and canned specialties (code 20324) are included in more specific classes for canned soups, vegetables, etc.

⁸Imports include frozen soups.

⁹All imports of processed olives (part of code 20331 and part of code 20352) are included with code 20332.

¹⁰ Does not include canned fish used as cat food; included in code 2094 for 1963 and earlier years; 1964 value was \$3.5 million.

11 Imports do not include brewers' grains.

¹²Imports do not include distillers' grains and dried solubles.

¹³Imports do not include byproducts other than cake and meal.

¹⁴ Imports represent mainly coconut, palm, oiticica, and castor oil.

¹⁵ Imports for 1963 and earlier years include canned fish used as cat food.

¹⁶ Imports cover products primarily in this major group but not comparable to output at more detailed levels.

¹⁷Data do not include code 2141.

Table II-9.--EXPORTS--FOOD AND TOBACCO, 1958-66

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--------------|---|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 |
| 20 | Food and kindred products, total..... | 11,324.6 | 11,382.3 | 11,451.6 | 11,450.1 | 11,666.2 | 11,810.4 | 12,093.0 | 2,088.2 | 2,013.5 |
| 2011, 2013 | Meat products..... | 176.1 | 195.7 | 215.2 | 216.4 | 203.2 | 225.3 | 291.6 | 257.2 | 296.1 |
| 20111 | Beef, except sausage and canned..... | | | | | | | | 58.1 | 53.5 |
| 20112 | Veal, except sausage and canned..... | | | | | | | | 1.4 | 1.0 |
| 20113 | Lamb and mutton, except sausage and canned..... | 26.7 | 31.6 | 41.6 | 50.3 | 48.1 | 72.5 | 98.6 | 4.6 | 5.0 |
| 20114 | Pork, fresh or frozen, except sausage and canned..... | | | | | | | | 22.5 | 27.3 |
| 20115 | Lard..... | 52.0 | 60.2 | 60.6 | 45.7 | 40.6 | 48.5 | 69.8 | 30.2 | 19.6 |
| 20116, 20136 | Pork processed, except sausage and canned..... | 15.4 | 14.6 | 11.7 | 8.4 | 7.5 | 7.9 | 9.0 | 6.9 | 8.2 |
| 20117, 20137 | Sausage, except canned..... | 1.2 | 1.2 | 1.3 | 1.0 | .8 | .9 | 1.4 | 1.3 | 1.5 |
| 20118, 20138 | Canned meats..... | 7.7 | 7.9 | 6.4 | 3.1 | 3.0 | 3.3 | 4.3 | 6.1 | 6.9 |
| 20119 | Hides, skins, and pelts..... | 55.8 | 62.8 | 76.4 | 86.2 | 82.9 | 74.6 | 92.7 | 108.5 | 154.4 |
| 20120 | Other meat packing plant products..... | 5.5 | 6.3 | 6.9 | 5.7 | 5.8 | 5.0 | 6.4 | 8.8 | 9.4 |
| 20139 | Sausage casings, natural..... | 11.8 | 11.0 | 10.3 | 15.0 | 14.4 | 12.5 | 9.3 | 8.7 | 9.4 |
| 2015 | Poultry and small game..... | 17.9 | 42.9 | 56.0 | 73.4 | 81.1 | 62.7 | 65.4 | 59.8 | 53.1 |
| 20151 | Hens and other chickens..... | 11.9 | 27.2 | 35.8 | 51.6 | 58.7 | 39.2 | 38.2 | 29.1 | 27.7 |
| 20153 | Turkeys..... | 2.0 | 4.3 | 8.2 | 9.6 | 12.5 | 11.4 | 15.6 | 20.6 | 16.6 |
| 20154 | Canned poultry..... | .9 | 2.5 | 3.4 | 3.9 | 2.7 | 4.5 | 5.4 | 4.9 | 4.4 |
| 20155 | Other poultry and small game..... | 2.1 | 1.9 | 2.2 | 2.1 | 1.8 | 1.8 | 2.1 | 3.2 | 2.8 |
| 20156 | Liquid, dried, and frozen eggs..... | 1.0 | 7.0 | 6.4 | 6.2 | 5.3 | 5.9 | 4.1 | 2.0 | 1.6 |
| 2021 | Butter and anhydrous fat ² | 13.9 | 12.2 | 5.0 | 4.4 | 6.1 | 28.1 | 63.7 | 29.7 | 7.9 |
| 2022 | Cheese ³ | 442.3 | 45.7 | 44.2 | 44.6 | 46.3 | 410.6 | 44.0 | 3.5 | 3.6 |
| 20221 | Natural cheese and curd, n.e.c..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | .7 | .8 |
| 20222 | Processed cheese and products..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | 2.7 | 2.8 |
| 2023 | Concentrated milk ⁵ | 130.4 | 113.8 | 106.2 | 122.9 | 115.4 | 140.2 | 151.7 | 158.2 | 109.1 |
| 20231 | Dry milk products ⁷ | 101.7 | 92.5 | 79.3 | 97.0 | 93.8 | 118.4 | 130.6 | 138.4 | 80.5 |
| 20234 | Ice cream mix..... | .3 | .3 | .2 | .2 | .2 | .2 | .3 | (⁶) | (⁶) |
| 20232 | Condensed milk ⁷ | | | | | | | | 19.7 | 28.4 |
| 20233 | Evaporated milk ⁷ | 28.4 | 21.0 | 26.0 | 25.7 | 21.3 | 21.6 | 20.9 | .1 | .3 |
| 2024 | Ice cream..... | 1.3 | 1.6 | 1.0 | 2.2 | 2.3 | 2.5 | 4.2 | (⁸) | (⁸) |
| 2026 | Fluid milk..... | | | | | | | | 2.3 | 2.7 |
| 20261, 2, 4 | Dairy products, n.e.c..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | 2.3 | 2.7 |
| 20263 | Cottage cheese..... | (⁹) | (⁹) | (⁹) | (⁹) | (⁹) | (⁹) | (⁹) | Z | Z |
| 2031 | Canned and cured seafood ¹⁰ | 15.3 | 22.5 | 19.7 | 13.2 | 16.1 | 16.7 | 26.7 | 30.7 | 37.0 |
| 2032, 3, 7 | Canned and frozen fruits, vegetables and specialties ¹¹ | 143.9 | 133.5 | 139.2 | 145.5 | 160.6 | 157.5 | 148.1 | 156.0 | 146.3 |
| 20321 | Canned baby foods, except meats ¹¹ | 3.8 | 3.6 | 2.6 | 1.5 | 1.9 | 2.2 | 2.9 | 2.4 | 2.5 |
| 20322, 4 | Canned soups, except frozen and seafood, and other canned specialties..... | 123.2 | 123.1 | 124.4 | 122.6 | 122.8 | 122.8 | 123.2 | 3.4 | 3.7 |
| 20331 | Fruits canned..... | 53.9 | 49.7 | 53.9 | 60.3 | 77.9 | 68.1 | 68.3 | 170.6 | 167.2 |
| 20334 | Fruit juices, canned..... | 47.1 | 45.6 | 43.2 | 47.6 | 44.5 | 43.6 | 36.4 | 22.1 | 22.5 |
| 20371 | Fruit and fruit juices, frozen..... | | | | | | | | 13.7 | 13.9 |
| 20323 | Canned beans, dry..... | | | | | | | | 1.3 | 1.5 |
| 20332, 3 | Canned vegetables, n.e.c..... | 16.6 | 13.9 | 17.0 | 16.6 | 20.4 | 23.5 | 23.3 | 20.6 | 17.4 |

Table II-9.--EXPORTS--FOOD AND TOBACCO, 1952-66--Con.

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--------------|--|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------|--------|
| | | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 |
| 2032, 3, 7, | Canned and frozen fruits, vegetables and specialties ¹¹ --Con. | | | | | | | | | |
| 20335 | Vegetable juices, canned..... | 143.9 | 142.8 | 142.6 | 142.5 | 142.2 | 142.6 | 143.4 | 3.0 | 2.6 |
| 20336 | Tomato catsup, sauces, and pastes..... | 6.6 | 7.3 | 6.2 | 5.7 | 4.7 | 5.7 | 5.3 | 6.2 | 5.1 |
| 20338 | Jams, jellies, and preserves..... | .6 | .5 | .5 | .7 | .8 | .7 | .6 | 136.8 | 132.6 |
| 20372 | Vegetables, frozen..... | 168.2 | 167.0 | 168.8 | 168.0 | 165.3 | 168.2 | 164.7 | 153.5 | 154.2 |
| 20373 | Specialties, frozen..... | | | | | | | | 2.5 | 3.1 |
| 2034 | Dried and dehydrated food products..... | 45.0 | 37.9 | 47.8 | 46.5 | 54.4 | 50.9 | 49.9 | 59.2 | 58.2 |
| 20341 | Dried and dehydrated fruits and vegetable mixes..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | 58.7 | 57.6 |
| 20342 | Soup mixes..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | .5 | .6 |
| 2035 | Pickles and sauces..... | 5.5 | 5.4 | 4.5 | 4.8 | 4.8 | 4.9 | 5.2 | 8.0 | 10.7 |
| 20352 | Pickles and other pickled products..... | | | | | | | | 174.6 | 176.6 |
| 20353 | Meat sauces (except tomato) and unfinished pickles..... | 3.4 | 3.2 | 2.9 | 2.9 | 3.1 | 3.2 | 3.3 | 1.3 | 1.5 |
| 20354 | Salad dressing and sandwich spread..... | 2.1 | 2.3 | 1.6 | 1.9 | 1.7 | 1.7 | 1.9 | 2.1 | 2.6 |
| 2036 | Fresh and frozen packaged fish..... | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | 1815.6 | 1821.9 |
| 20361 | Frozen packaged fish..... | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | 1819.2 | 1819.7 |
| 20362 | Fresh packaged fish..... | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | (1 ⁹) | 1.4 | 2.3 |
| 2041, 5 | Flour and meal..... | 190.5 | 181.2 | 200.1 | 214.3 | 227.8 | 221.9 | 209.3 | 146.7 | 166.5 |
| 20411, 5; | | | | | | | | | | |
| 20455 | Wheat flour and flour mixes ²⁰ | 163.1 | 157.6 | 174.8 | 184.5 | 194.2 | 184.9 | 172.7 | 123.4 | 141.3 |
| 20412 | Wheat bran and middlings..... | 3.5 | 1.7 | 2.1 | 1.1 | 2.6 | 2.0 | 1.4 | 3.2 | 4.2 |
| 20413 | Corn meal ²¹ | 16.0 | 13.6 | 16.8 | 22.7 | 21.7 | 20.6 | 19.6 | 16.2 | 16.4 |
| 20416 | Grain mill products, n.e.c..... | 27.8 | 28.4 | 26.4 | 25.9 | 29.4 | 214.4 | 215.6 | 4.0 | 4.6 |
| 2042 | Prepared feeds..... | 2319.1 | 222.8 | 324.0 | 2327.3 | 2339.7 | 2349.6 | 2351.2 | 41.5 | 52.2 |
| 20421 | Poultry feeds..... | 10.6 | 10.9 | 10.4 | 10.6 | 12.2 | 13.1 | 15.5 | 16.7 | 19.7 |
| 20422 | Livestock feeds..... | | | | | | | | 3.7 | 6.1 |
| 20423 | Dog and cat food..... | | | | | | | | 2.2 | 2.5 |
| 20424 | Prepared animal feeds, n.e.c..... | 28.5 | 211.9 | 213.6 | 2316.8 | 2327.6 | 2336.6 | 2335.7 | 18.9 | 23.9 |
| 2043 | Cereal preparations ²⁴ | 6.6 | 6.8 | 6.8 | 6.9 | 6.4 | 7.3 | 7.3 | 21.7 | 30.8 |
| 2044 | Milled rice and byproducts ²⁵ | 2698.6 | 26102.4 | 26147.5 | 26111.1 | 26152.7 | 26177.0 | 26204.4 | 245.0 | 228.9 |
| 2046 | Wet corn milling products..... | 281.1 | 2810.0 | 2810.1 | 288.2 | 288.5 | 2811.0 | 2813.3 | 2729.4 | 2734.2 |
| 2051, 2 | Bread and other bakery products..... | 295.6 | 295.1 | 295.2 | 295.2 | 294.7 | 295.3 | 296.5 | 5.6 | 7.8 |
| 2061-3 | Sugar and byproducts ³⁰ | 3.7 | 4.1 | 2.3 | 2.2 | 2.7 | 4.7 | 4.6 | 4.6 | 7.2 |
| 2071; 20722 | Candy and other confectionery products..... | 5.7 | 5.9 | 6.5 | 6.3 | 6.0 | 7.2 | 8.8 | 10.3 | 9.0 |
| 20721 | Chocolate coatings..... | | | | | | | | | |
| 20728, 20998 | Other chocolate and cocoa products except confectionery..... | 2.2 | 2.1 | 1.6 | 1.5 | 1.6 | 2.0 | 2.1 | .1 | .2 |
| 2073 | Chewing gum base..... | 11.1 | 11.3 | 10.8 | 10.6 | 10.6 | 10.7 | 12.6 | 1.7 | 2.3 |
| 2082 | Malt liquor and brewing byproducts ²⁸ | 2.7 | 1.8 | 1.3 | 1.1 | 1.1 | 1.2 | 1.4 | 315.5 | 315.6 |
| 2083 | Malt and malt byproducts..... | 9.2 | 10.0 | 6.4 | 5.4 | 5.5 | 5.5 | 5.3 | 1.1 | 1.3 |
| 2084 | Wines and brandy..... | 32.6 | 32.6 | 32.6 | 32.7 | 32.5 | 32.6 | 32.6 | .8 | 5.8 |
| 20853 | Distilled, rectified and blended liquor, except brandy ³³ | 324.8 | 324.2 | 324.0 | 325.2 | 325.2 | 325.9 | 327.3 | 3412.7 | 3415.3 |
| 2086 | Beverages, n.e.c..... | .6 | .6 | .8 | 1.0 | .8 | .8 | 1.1 | 1.1 | 1.1 |

Table II-9.--EXPORTS--FOOD AND TOBACCO, 1958-66--Con.

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--------------|--|--|---------|---------|---------|---------|---------|---------|--------|--------|
| | | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 |
| 2087 | Flavorings..... | 22.4 | 23.0 | 25.6 | 26.1 | 27.4 | 27.7 | 31.3 | 24.2 | 29.4 |
| 2091 | Cottonseed oil mill products ^{3b} | 27.3 | 75.8 | 54.7 | 52.6 | 54.9 | 52.6 | 74.9 | 78.9 | 30.9 |
| 20911 | Crude cottonseed oil..... | 8.9 | 32.2 | 28.0 | 22.1 | 11.8 | 16.2 | 20.7 | 26.3 | 8.7 |
| 20912 | Refined cottonseed oil..... | 13.1 | 29.5 | 14.6 | 19.8 | 29.6 | 20.8 | 39.7 | 34.6 | 11.4 |
| 20913 | Cotton linters..... | 5.0 | 6.9 | 7.4 | 9.6 | 9.4 | 10.6 | 8.5 | 8.6 | 7.9 |
| 20914 | Cottonseed cake and meal, and other by-products ^{3a} | .3 | 7.2 | 4.8 | 1.1 | 4.1 | 5.0 | 6.0 | 9.4 | 2.8 |
| 2092 | Soybean oil mill products..... | 3674.5 | 36109.5 | 36119.7 | 3691.3 | 36183.4 | 36203.7 | 36217.5 | 278.6 | 270.3 |
| 20921 | Soybean oil..... | 50.4 | 67.4 | 80.9 | 44.0 | 97.8 | 85.1 | 81.3 | 104.9 | 49.3 |
| 20922 | Soybean cake and meal and other byproducts..... | 3624.1 | 3642.2 | 3638.8 | 3647.3 | 3685.5 | 36118.6 | 36136.2 | 173.7 | 221.0 |
| 2093 | Vegetable oil mill products, n.e.c..... | 8.3 | 16.7 | 18.4 | 13.1 | 10.8 | 11.6 | 25.5 | 30.6 | 36.1 |
| 20931 | Linseed oil..... | 1.3 | 1.3 | 6.1 | 2.8 | .8 | 1.7 | 2.0 | 4.0 | 12.2 |
| 20932 | Vegetable oils, n.e.c. ³⁷ | 4.1 | 8.3 | 7.6 | 8.0 | 5.3 | 5.7 | 17.7 | 18.6 | 11.4 |
| 20933 | Other vegetable oil mill products..... | 2.7 | 7.2 | 4.7 | 2.3 | 4.8 | 4.2 | 5.7 | 8.0 | 12.6 |
| 2094 | Grease and inedible tallow and byproducts.... | 36104.3 | 36124.2 | 36122.7 | 36140.7 | 36110.5 | 36137.4 | 36190.2 | 216.8 | 184.1 |
| 20941 | Grease and inedible tallow..... | 96.0 | 111.4 | 111.1 | 130.7 | 103.4 | 120.3 | 175.1 | 188.4 | 164.3 |
| 20942, 3 | Feed and fertilizer byproducts, including neat's foot and animal and marine oil mill products..... | 368.3 | 3612.8 | 3611.6 | 3610.0 | 367.1 | 3617.1 | 3615.1 | 28.5 | 19.8 |
| 2095 | Roasted and concentrated coffee..... | 15.7 | 17.3 | 18.3 | 23.3 | 29.3 | 31.6 | 35.5 | 30.9 | 20.4 |
| 20951 | Roasted coffee..... | 5.8 | 5.7 | 7.0 | 6.0 | 6.1 | 7.4 | 7.9 | 7.4 | 7.9 |
| 20952 | Concentrated coffee..... | 9.9 | 11.6 | 11.3 | 17.3 | 23.2 | 24.2 | 27.6 | 23.5 | 12.5 |
| 2096 | Shortening, cooking oils, and margarine ³⁹ | 88.4 | 56.0 | 43.8 | 50.1 | 53.6 | 50.1 | 77.1 | 86.4 | 94.8 |
| 20961 | Shortening and cooking oil ³⁹ | 87.5 | 55.2 | 43.1 | 49.5 | 52.9 | 49.6 | 76.5 | 85.8 | 93.9 |
| 20962 | Margarine..... | .9 | .8 | .7 | .6 | .6 | .6 | .6 | .6 | 1.0 |
| 2098 | Macaroni and noodle products..... | 1.5 | 1.4 | 1.0 | .7 | .4 | .4 | .5 | .4 | .4 |
| 2099 pt. | Food preparations, n.e.c..... | 10.2 | 10.8 | 11.7 | 13.5 | 13.9 | 13.0 | 15.4 | 28.1 | 31.3 |
| 20992 | Potato chips and corn chips..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | .6 | .6 |
| 20994 | Baking powder and yeast..... | 2.2 | 2.3 | 2.2 | 2.2 | 2.5 | 2.4 | 2.7 | 3.0 | 3.1 |
| 20996 | Vinegar and cider ⁴⁰ | .3 | .4 | .2 | .3 | .4 | .4 | .5 | .4 | .5 |
| 20991, 3, 9 | Other food preparations, n.e.c..... | 7.7 | 8.1 | 9.3 | 11.0 | 11.0 | 10.2 | 12.2 | 4124.1 | 4127.1 |
| 2000 | Miscellaneous food and kindred products ⁴² | 8.3 | 7.5 | 8.3 | 27.8 | 57.9 | 72.2 | 79.1 | X | X |
| 21 | Tobacco manufactures, total ⁴³ | 85.1 | 94.4 | 98.1 | 108.1 | 117.6 | 119.6 | 131.6 | 122.9 | 129.8 |
| 2111 | Cigarettes ⁴⁴ | 76.6 | 84.4 | 87.5 | 97.3 | 106.3 | 106.5 | 114.6 | 105.3 | 110.5 |
| 2121 | Cigars ⁴⁴ | .4 | .6 | .7 | .7 | .9 | 1.3 | 1.8 | 1.9 | 2.2 |
| 2131 | Chewing and smoking tobacco and snuff..... | 8.1 | 9.4 | 9.9 | 10.1 | 10.4 | 11.8 | 15.2 | 15.7 | 17.1 |

--Represents zero.

X--Not applicable.

Z--Less than \$0.05 million or 0.5 percent.

n.a.--Not available.

n.e.c.--Not elsewhere classified.

¹1964 and earlier years do not include fresh and frozen packaged fish; value for 1965 was \$15.6 million.²Data for 1965 include \$3.1 million for private shipments for relief and charity; such shipments are not included for 1964 and earlier years but amounted to over \$34 million in 1964 and over \$32 million in 1963; comparable estimates not available for other years.³Exports include private shipments for relief or charity amount to less than \$0.5 million in 1965, \$2 million in 1964, \$7.2 million in 1963, and \$2.9 million in 1962; comparable estimates not available for other years.

Table II-9.--EXPORTS--FOOD AND TOBACCO, 1958-66--Con.

Footnotes--Con.

- ¹1964 and earlier years include cottage cheese (code 20263); 1965 value was less than \$.05 million.
- ²Exports include private shipments for relief or charity amounting to \$61.2 million for 1965, \$41.4 million for 1963, \$43.9 million for 1962, \$45.0 million for 1961, \$30.0 million for 1960, \$37.2 million for 1959 and \$52.1 million for 1958.
- ³Ice cream mix (code 20234) is included with codes 20728 and 20999 for 1965.
- ⁴All exports of dietary supplements included in code 20231.
- ⁵Ice cream included with code 20999 for 1965.
- ⁶Cottage cheese (code 20263) included with code 2022 for 1964 and earlier years.
- ⁷Exports include frozen seafood specialties and soups (part of code 20361).
- ⁸Exports include fruits and vegetables only for 1965; and fruits, vegetables, and desserts for 1964 and earlier years.
- ⁹Includes seafood soups. Most canned specialties included with code 20999.
- ¹⁰Canned cherries (part of code 20331) included with code 20338 for 1965 (1964 value was \$1.9 million).
- ¹¹Includes tomato juice only; value of other vegetable juices in 1965 was \$.4 million.
- ¹²Includes vegetables in temporary preservative for shipping.
- ¹³Does not include frozen bakery products; 1965 value was \$.8 million.
- ¹⁴Not comparable to output; includes vegetable-base cream substitutes and frozen meals.
- ¹⁵Does not include frozen soups and specialties.
- ¹⁶1964 and earlier years included with Major Group 09 in Exports and Imports as Related to Output, 1965 and 1964.
- ¹⁷Exports include private shipments for relief and charity amounting to \$37.1 million for 1965, \$42.1 million for 1964, \$53.6 million for 1963, \$67.6 million for 1962, \$66.7 million for 1961, \$56.8 million for 1960, \$52.5 million for 1959, and \$46.3 million for 1958.
- ¹⁸Exports include private shipments for relief and charity amounting to \$12.9 million for 1965, \$14.9 million for 1964, \$18.0 million for 1963, \$18.9 million for 1962, \$21.0 million for 1961, \$14.8 million for 1960, \$12.1 million for 1959, and \$13.8 million for 1958. Data do not include inedible corn meal.
- ¹⁹Includes grains and grain preparations, n.e.c., including minor unprocessed grains and some grain products and byproducts of codes 2042, 2043, and 2099.
- ²⁰Includes various byproducts which are used as feed and fodder; does not include feeds in chief value of meat.
- ²¹Includes private shipments for relief and charity amounting to \$16.5 million; similar shipments in earlier years are included with code 2000.
- ²²Exports include private shipments for relief and charity amounting to \$.4 million in 1965; \$.1 million in 1964, 1963, and 1962; \$.6 million in 1961; \$21.5 million in 1960; \$2.5 million in 1959, and \$2.2 million for 1958.
- ²³Does not include byproducts; 1965 value was \$1.6 million.
- ²⁴Includes byproducts of dry corn milling (part of code 2041).
- ²⁵Does not include brewer's spent grain.
- ²⁶Includes frozen bakery products (part of code 20373); 1965 value was \$.8 million.
- ²⁷Exports do not include inedible byproducts; include some miscellaneous sugars and sirups.
- ²⁸Does not include chewing gum base (1964 value was \$7.0 million); included with code 08 for 1965.
- ²⁹Brandy included in code 20853 for 1964 and earlier years; 1965 value was \$1.1 million.
- ³⁰Exports cover products of both code 20851 and code 20853; output of code 20853 only is used in comparisons because of duplication with code 20851.
- ³¹Includes byproducts of manufacture of sugar, cocoa, and miscellaneous alcoholic beverages; not comparable to output.
- ³²Exports do not include byproducts other than cake and meal.
- ³³Does not include corn oil (part of code 2046).
- ³⁴Exports include code 20942.
- ³⁵Exports for 1965 include private shipments for relief and charity amounting to \$43.1 million; similar shipments for 1964 and earlier years are included with code 2000.
- ³⁶Exports include vinegar only; cider included with code 20371.
- ³⁷Includes some miscellaneous products which belong in other industries within this major group. Also includes \$5.2 million in miscellaneous private shipments of food for relief and charity.
- ³⁸Covers products primarily in this major group not comparable to output at more detailed levels. Export data include miscellaneous private shipments for relief and charity amounting to \$71.5 million in 1964, \$66.4 million in 1963, \$50.6 million in 1962, \$20.6 million in 1961, \$2.2 million in 1960, \$1.9 million in 1959, and \$1.8 million in 1958.
- ³⁹Data do not include code 2141.
- ⁴⁰Exports do not include cigarettes and some cigars shipped overseas for military use.

Appendix 1.—Industry Definitions

| SIC code | Industry title and description (S = Specialization ratio - C = Coverage ratio) ¹ | | and grading of eggs which are classified in whole-sale trade. |
|-------------|---|------|--|
| 20 | FOOD AND KINDRED PRODUCTS | | |
| | This major group includes establishments manufacturing foods and beverages for human consumption, and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls. | | Poultry and small game killed and dressed at farms, hatcheries, frozen food lockers and wholesale and retail establishments are not included in manufacturing. |
| 201 | MEAT PRODUCTS: | 202 | DAIRY PRODUCTS: |
| 2011 | Meat Packing Plants (S-98; C-86).—Establishments primarily engaged in the slaughtering, for their own account or on a contract basis for the trade, of cattle, hogs, sheep, lambs, calves, horses, and other animals except small game, for meat to be sold or to be used on the same premises in canning and curing, and in making sausage, lard, and other products. Establishments primarily engaged in manufacturing sausages and meat specialties from purchased meats are classified in industry 2013; and establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game in industry 2015. | 2021 | Creamery Butter (S-69; C-77).—Establishments primarily engaged in manufacturing creamery butter. |
| | Some slaughtering operations are conducted in establishments which are not included in the census of manufactures, such as those chiefly engaged in wholesale or retail trade, locker plant services, etc. A check of the 1958 Census of Manufactures records with those of the U.S. Department of Agriculture indicated that the census of manufactures included about 90 percent of the volume of commercial livestock slaughter. A similar comparison of the 1963 census slaughter statistics with those of the U.S.D.A. indicates that coverage of commercial slaughter is about at the same level. | 2022 | Cheese, Natural and Processed (S-93; C-96).—Establishments primarily engaged in the manufacture of natural cheese (except cottage cheese), process cheese, cheese foods, and cheese spreads. Establishments primarily engaged in manufacturing cottage cheese are classified in industry 2026. |
| 2013 | Sausages and Other Prepared Meat Products (S-94; C-38).—Establishments primarily engaged in manufacturing sausages, cured meats, smoked meats, canned meats, frozen meats, other prepared meats, and meat specialties, from purchased carcasses and other materials. Sausage kitchens and other prepared meat plants operated by packing houses as separate establishments also are included in this industry. Establishments primarily engaged in killing, dressing, and packing poultry, rabbits, and other small game, and those canning poultry are classified in industry 2015. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in trade industries. | 2023 | Condensed and Evaporated Milk (S-80; C-66).—Establishments primarily engaged in manufacturing condensed and evaporated milk, and related products, including ice cream mix and ice milk mix made for sale as such. |
| | Prepared meats manufactured in retail and independent wholesale establishments are not included in the census of manufactures. | 2024 | Ice Cream and Frozen Desserts (S-93; C-74).—Establishments primarily engaged in manufacturing ice cream and other frozen desserts. |
| 2015 | Poultry and Small Game Dressing and Packing, Wholesale (S-98; C-98).—Establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game for their own account or on a contract basis for the trade. This industry also includes the drying, freezing, and breaking of eggs; but not the cleaning, oil treating, packing | 2026 | Fluid Milk (S-90; C-95).—Establishments primarily engaged in processing (pasteurizing, homogenizing, vitaminizing, bottling) and distributing fluid milk and cream, and related products. |
| | | 203 | CANNING AND PRESERVING FRUITS, VEGETABLES, AND SEAFOODS: |
| | | 2031 | Canned and Cured Seafoods (S-92; C-95).—Establishments primarily engaged in cooking and canning fish, shrimps, oysters, clams, crabs, and other seafoods; and those engaged in smoking, salting, drying, or otherwise curing fish for the trade. Establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers, or freezing and packaging fresh fish are classified in industry 2036. |
| | | 2032 | Canned Specialties (S-80; C-91).—Establishments primarily engaged in canning specialty products, such as baby foods, "native foods," health foods, and soups, except seafood. Establishments primarily engaged in canning seafood soup are classified in industry 2031, and those primarily engaged in quick freezing canned specialties in industry 2037. |
| | | 2033 | Canned Fruits, Vegetables, Preserves, Jams, and Jellies (S-89; C-91).—Establishments primarily engaged in canning fruits and vegetables, and fruit and vegetable juices; and in manufacturing catsup and similar tomato sauces, preserves, jams, and jellies. Establishments primarily engaged in canning seafood soups are classified in industry 2031; and soups, except seafood, and baby foods in industry 2032. |
| | | 2034 | Dried and Dehydrated Fruits and Vegetables (S-96; C-89).—Establishments primarily engaged in sun drying or artificially dehydrating fruits, vegetables, and nuts, or in manufacturing packaged soup mixes from dehydrated ingredients. Establishments primarily engaged in the grading and marketing of farm dried fruits, such as prunes and raisins, are classified in trade industries. |

¹Specialization Ratio.—Derived by dividing the total output (both primary and secondary products) of the industry's plants into their output of products primary to the industry. The resulting percentage measures the extent to which the industry specializes in making its primary products. (Shown with industry definitions as "S-")

Coverage Ratio.—Computed by dividing the total output of products primary to an industry (wherever produced) into the output of primary products produced within the industry. This ratio measures the extent to which the products primary to an industry are shipped by plants classified in that industry. (Shown with industry definitions as "C-")

- 2035 Pickled Fruits and Vegetables; Vegetable Sauces and Seasonings; Salad Dressings (S-79; C-82).—Establishments primarily engaged in pickling and brining fruits and vegetables and in manufacturing salad dressings, vegetable relishes, sauces, and seasonings. Establishments primarily engaged in manufacturing catsup and similar tomato sauces are classified in industry 2033, and those packing purchased pickles and olives in trade industries.
- 2036 Fresh or Frozen Packaged Fish (S-95; C-94).—Establishments primarily engaged in preparing fresh, and raw or cooked frozen packaged fish and other seafood. This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers.
- 2037 Frozen Fruits, Fruit Juices, Vegetables and Specialties (S-89; C-89).—Establishments primarily engaged in quick freezing and cold packing (freezing) fruits; fruit juices, vegetables, and specialties. Excluded from this industry are establishments primarily engaged in packing fruits and vegetables for freezing but not freezing the product; cold storage warehouses freezing foods for others, frozen food locker and other establishments freezing for individual consumers or farms and ranches producing frozen fruits and vegetables. Establishments primarily freezing meats and poultry are included in Industry Group 201, Meat Products.
- 204 GRAIN MILL PRODUCTS:—Establishments in this group of industries frequently supplement their manufacturing activities with sales of grain and of commodities produced elsewhere. Such establishments were classified in manufacturing if at least 25 percent of their total receipts were from manufacturing activities, except for industry 2042, Prepared Feeds for Animals and Fowls, where it was required that receipts from manufacturing exceed receipts from merchandising. Most establishments which mixed some feed but did not meet these criteria were included in the 1963 Census of Business, except for some whose principal activity (e.g. custom milling) fell outside the scope of any of the 1963 economic censuses.
- 2041 Flour and Other Grain Mill Products (S-94; C-78).—This industry comprises establishments primarily engaged in milling flour or meal from grain, except rice (industry 2044). The products of flour mills may be sold plain or in the form of prepared mixes for specific purposes. Establishments primarily engaged in manufacturing prepared flour mixes from purchased ingredients are classified in industry 2045.
- 2042 Prepared Feeds for Animals and Fowls (S-96; C-93).—This industry comprises establishments primarily engaged in manufacturing prepared feeds for animals and fowls. Prepared feeds include poultry feed, livestock feed, dog food and other pet foods (canned, frozen, and dry). This industry also includes establishments primarily engaged in manufacturing certain feed ingredients and adjuncts, such as alfalfa meal, feed supplements, and feed concentrates. Mills primarily engaged in custom grinding of feeds or other agricultural services are excluded from the census of manufactures.
- Substantial quantities of prepared feeds are mixed at locations which are not included in the census of manufactures, such as grain elevators, custom or grist mills, farm supply stores, chick hatcheries, commercial broiler raising establishments, and cattle-feeding operations.
- 2043 Cereal Preparations (S-80; C-86).—This industry comprises establishments primarily engaged in manufacturing cereal breakfast foods and related preparations. Establishments primarily engaged in manufacturing corn and hominy grits for human consumption are classified in industry 2041.
- 2044 Rice Milling (S-100; C-100).—This industry comprises establishments primarily engaged in cleaning and polishing rice, and in manufacturing rice flour or meal. Important products of this industry include brown rice, milled rice (including polished rice), rice polish, rice bran, and rice flour.
- 2045 Blended and Prepared Flour (S-78; C-62).—This industry comprises establishments primarily engaged in the preparation of blended flours and flour mixes from purchased flour (including flour transferred from flour mills owned by the same company). Important products of this industry include phosphated and self-rising flour and prepared flour mixes such as biscuit, cake, doughnut, and pancake mixes. Establishments making the same products from flour milled at the same location are classified in industry 2041. Prior to 1963, refrigerated doughs were not specifically listed on the report forms. The products usually were classified in either industry 2037, or industry 2099, depending upon the description of the refrigerated dough furnished by respondent.
- 2046 Wet Corn Milling (S-83; C-93).—This industry comprises establishments primarily engaged in milling corn or sorghum grain (milo) by the wet process, and producing starch, sirup, oil, sugar, and byproducts, such as gluten feed and meal. Establishments primarily engaged in manufacturing starch from other vegetable sources (potato, wheat, etc.) are also included. Establishments primarily engaged in manufacturing table sirups from corn sirup and other ingredients, and those manufacturing starch base dessert powders, are classified in industry 2099; those primarily engaged in manufacturing corn meal and grits are classified in industry 2041. Establishments primarily engaged in manufacturing laundry starches are classified in industry 2842.
- 205 BAKERY PRODUCTS:
- 2051 Bread and Other Bakery Products, Except Biscuit, Crackers, and Pretzels (S-98; C-99).—Establishments primarily engaged in manufacturing bread, cakes, and other "perishable" bakery products. Establishments primarily engaged in producing "dry" bakery products, such as biscuit, crackers, and pretzels are classified in industry 2052. Establishments producing bakery products primarily for direct sale on the premises to household consumers are classified in retail trade, industry 5462. Establishments manufacturing bakery products for sale primarily for home service delivery, or through one or more non-baking retail outlets, are included in industry 2051.
- 2052 Biscuit, Crackers, and Pretzels (S-97; C-95).—Establishments primarily engaged in manufacturing biscuit (except raised biscuit), crackers, and similar "dry" bakery products. Establishments primarily engaged in producing "perishable" bakery products are classified in industry 2051.
- 206 SUGAR:
- 2061 Cane Sugar, Except Refining Only (S-99; C-100).—Establishments primarily engaged in manufacturing raw sugar, sirup, or finished (granulated or clarified) cane sugar from sugar cane. Establishments primarily engaged in refining sugar from purchased raw cane sirup or sugar sirups are classified in industry 2062.
- 2062 Cane Sugar, Refining (S-100; C-100).—Establishments primarily engaged in refining purchased raw cane sugar and sugar sirup.
- 2063 Beet Sugar (S-100; C-100).—Establishments primarily engaged in manufacturing sugar from sugar beets.

207 CONFECTIONERY AND RELATED PRODUCTS:

- 2071 Candy and Other Confectionery Products (S-95; C-95).—Establishments primarily engaged in manufacturing candy, including chocolate candy, salted nuts, other confections and related products. Establishments primarily engaged in manufacturing solid chocolate bars are classified in industry 2072, and chewing gum in industry 2073. Establishments primarily engaged in manufacturing confectionery for direct sale on the premises and those primarily engaged in shelling and roasting nuts are classified in trade industries.
- 2072 Chocolate and Cocoa Products (S-99; C-82).—Establishments primarily engaged in shelling, roasting, and grinding cocoa beans for the purpose of making chocolate liquor, from which cocoa powder and cocoa butter are derived, and in the further manufacture of solid chocolate bars and chocolate coatings. Establishments primarily engaged in manufacturing products except candy from purchased chocolate and cocoa are classified in industry 2099, and chocolate candies in industry 2071.
- 2073 Chewing Gum (S-88; C-96).—Establishments primarily engaged in manufacturing chewing gum or chewing gum base.
- 208 BEVERAGES:
- 2082 Malt Liquors (S-100; C-100).—Establishments primarily engaged in manufacturing all kinds of malt liquors. Establishments primarily engaged in bottling purchased malt liquors are classified in trade industries.
- 2083 Malt (S-100; C-95).—Establishments primarily engaged in manufacturing malt or malt byproducts from barley or other grains.
- 2084 Wines, Brandy, and Brandy Spirits (S-98; C-99)².—Establishments primarily engaged in manufacturing wines, brandy, and brandy spirits. This industry also includes bonded storerooms which are engaged in blending wines. Establishments primarily bottling purchased wines, brandy and brandy spirits, but which do not manufacture wines and brandy are classified in trade industries.
- 2085 Distilled, Rectified, and Blended Liquors (S-98; C-99).—Establishments primarily engaged in manufacturing alcoholic liquors by distillation and rectification, and in manufacturing cordials and alcoholic cocktails by blending processes, or by mixing liquors and other ingredients. Establishments primarily engaged in manufacturing industrial alcohol are classified in industry 2818, and those only bottling purchased liquors in trade industries.
- 2086 Bottled and Canned Soft Drinks and Carbonated Waters (S-98; C-95).—Establishments primarily engaged in manufacturing soft drinks (nonalcoholic beverages) and carbonated waters. Establishments primarily engaged in manufacturing fruit and vegetable juices are classified in industry 2033, fruit sirups for flavoring in industry 2087, and cider in industry 2099. Establishments primarily engaged in bottling natural spring waters are classified in trade industries.
- 2087 Flavoring Extracts and Flavoring Sirups, N.E.C. (S-90; C-79).—Establishments primarily engaged in manufacturing flavoring extracts, sirups, and fruit juices, n.e.c., for soda fountain use or for the manufacture of soft drinks, and colors for bakers' and confec-

tioners' use. Establishments primarily engaged in manufacturing chocolate sirup are classified in industry 2072, and mixed or blended sweetening sirup and molasses in industry 2099.

209 MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS:

- 2091 Cottonseed Oil Mills (S-89; C-91).—Establishments primarily engaged in manufacturing cottonseed oil, and byproduct cake, meal, and linters. Establishments primarily engaged in refining cottonseed oil into edible cooking oils are classified in industry 2096.
- 2092 Soybean Oil Mills (S-89; C-95).—Establishments primarily engaged in manufacturing soybean oil, and byproduct cake and meal. Establishments primarily engaged in refining soybean oil into edible cooking oils are classified in industry 2096.
- 2093 Vegetable Oil Mills, Except Cottonseed and Soybean (S-84; C-83).—Establishments primarily engaged in manufacturing vegetable oils and byproduct cake and meal, except cottonseed and soybean. Establishments primarily engaged in refining vegetable oils into edible cooking oils are classified in industry 2096, and those refining these oils for medicinal purposes in industry 2833.
- 2094 Animal and Marine Fats and Oils, Including Grease and Tallow (S-94; C-66).—Establishments primarily engaged in rendering inedible grease and tallow from animal fat, bone, and meat scraps, or in manufacturing animal oil, n.e.c., including fish oil and other marine animal oils, and byproduct meal. Establishments primarily engaged in refining marine animal oils for medicinal purposes are classified in industry 2833. Establishments primarily engaged in manufacturing fatty acids are classified in industry 2899. Establishments primarily engaged in manufacturing lard are classified in Industry Group 201.
- This industry combined two industries that were separate under the previous classification system: industry 2094 and industry 2095.
- 2095 Roasted Coffee (S-90; C-99).—Establishments primarily engaged in the manufacture of roasted and concentrated coffee. Roasted coffee may be whole bean or ground. Concentrated coffee produced may be in either liquid or powdered form.
- This is a new industry classification. Previously, roasted coffee was classified in industry 2099.
- 2096 Shortening, Table Oils, Margarine and Other Edible Fats and Oils, N.E.C. (S-88; C-89).—Establishments primarily engaged in manufacturing shortening, table oils, margarine, and other edible fats and oils, n.e.c., by further processing of animal and vegetable oils. Establishments primarily engaged in producing corn oil are classified in industry 2046.
- 2097 Manufactured Ice (S-99; C-100).—Establishments primarily engaged in manufacturing ice for sale. Ice plants operated by public utility companies are included in this industry. Establishments primarily engaged in manufacturing dry ice are classified in industry 2813, and the harvesting and storage of natural ice for sale in trade industries.
- 2098 Macaroni, Spaghetti, Vermicelli, and Noodles (S-96; C-94).—Establishments primarily engaged in manufacturing dry macaroni, spaghetti, vermicelli, and noodles. Establishments primarily engaged in manufacturing canned macaroni, spaghetti, etc., are classified in industry 2032.

²Percentages are based on figures containing significant duplication.

2099 Food Preparations, N.E.C. (S-91; C-78).—Establishments primarily engaged in manufacturing prepared foods and miscellaneous specialties, n.e.c., such as baking powder, yeast, and other leavening compounds; desserts (ready-to-mix); sweetening sirups and molasses; vinegar and cider; chocolate and cocoa products, except confectionery, made from purchased chocolate; potato and corn chips, sticks, etc. (bagged or canned); and other food preparations not elsewhere classified.

The definition of this industry was changed from the previous definition. Roasted coffee was removed from this industry and is now separately defined as industry 2095.

21 TOBACCO MANUFACTURES

This major group includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and snuff, and in stemming and redrying tobacco. The manufacture of insecticides from tobacco byproducts is included in Major Group 28.

211 CIGARETTES:

2111 Cigarettes (S-97; C-100).—Establishments primarily engaged in the manufacture of cigarettes.

212 CIGARS:

2121 Cigars (S-100; C-100).—Establishments primarily engaged in the manufacture of cigars.

213 TOBACCO (CHEWING AND SMOKING) AND SNUFF:

2131 Tobacco (Chewing and Smoking) and Snuff (S-97; C-67).—Establishments primarily engaged in the manufacture of chewing and smoking tobacco and snuff.

214 TOBACCO STEMMING AND REDRYING:

2141 Tobacco Stemming and Redrying (S-100; C-100).—Establishments primarily engaged in the stemming and redrying of tobacco. Establishments which sell leaf tobacco as merchant wholesalers, agents, or brokers, and which also may be engaged in stemming tobacco are not included in this industry. Leaf tobacco warehouses which may be engaged in stemming tobacco are not included in this industry.

Appendix 2.—Explanatory Notes

CLASSIFICATION

The SIC

Data in this volume are classified within the framework of the Bureau of the Budget *Standard Industrial Classification* (SIC) of 1957. The purpose of the SIC is to provide a means for classifying establishments according to their primary activities, for the purpose of collection, tabulation, presentation and analyses of data relating to establishments.

The SIC identifies four-digit manufacturing industry codes in the following manner:

1. The first two digits identify the general type of activity,
e.g. The code 20 refers to the manufacture of "Food and Kindred Products"
2. The third digit identifies a subgroup within the general type of activity,
e.g. 201 represents "Meat Products"
3. The fourth digit identifies a specific industry within each subgroup,
e.g. 2011 identifies "Meat Slaughtering Plants"
2013 "Meat Processing Plants"
2015 "Poultry Dressing Plants"

In the *Annual Survey and Census of Manufactures*, each manufacturing establishment is assigned a four-digit code which reflects the primary activity of that establishment. Data collected in these surveys can then be tabulated at the 2-, 3-, or 4-digit levels of the SIC depending on the type of information to be shown. In this publication, table 1 of Section I and tables 1, 2 and 3 of Section II show data at the two-digit level. Tables 2-5 of Section I and 4, 5, and 6 in Section II present data at the four-digit level of the SIC. In all these cases, the data shown represent totals for establishments classified with the same SIC code (i.e., the same first two digits or the same four digits).

Product Classes

To provide more detailed information on product shipments, the Census Bureau has added a fifth digit to the four-digit SIC code described above. Continuing the above example, within the four-digit industry classification 2011 for "Meat Slaughtering Plant Products," the Census Bureau has developed a series of product classes such as:

- 20111 "Beef, Fresh & Frozen"
- 20112 "Veal, Fresh & Frozen"
- 20113 "Lamb and Mutton, Fresh & Frozen"
- 20114 "Pork, Fresh & Frozen"

The data in tables 6 and 7 of Section I and tables 7-9 of Section II are reported, with some modifications, on the basis of the five-digit product class codes. It is essential to note that the product class codes differ from the SIC, in that their purpose is not to classify establishments but rather to classify groups of products. The codes assigned to these product classes are based on the industries to which they are primary.

Data reported on a product-class basis reflect the total shipments of products (wherever made), rather than the characteristics of establishments that are primarily engaged in making those products.

Modification of Product Class Codes

In table 7 of Section I and table 7 of Section II certain modifications have been made in the product classes developed by the Census Bureau; in order to:

1. Adjust for changes in product class definitions since 1958, and
2. Adjust for the fact that similar products are produced in and are defined as primary to more than one industry.

The first type of adjustment was made in those cases where more detailed product classes have been established since 1958. In this publication, the data for the new product classes have been combined, in order to present comparable data since 1958 rather than for just 1965 and 1966. A five-digit code ending in "A," "B," or "C" identifies this type of combination.

The second type of adjustment was made in those cases where the same product class is primary to more than one industry. This combined total is shown in the four-digit product group in which the largest proportion of the total is produced. A five-digit code ending in "U, V, W, X, Y, or Z" identifies this type of combination. For the other product classes included, the original code is shown; a double dash (-) is shown in the data fields and the reader is referred to the appropriate combination.

As a result of the adjustment made for products being classified as primary to more than one industry, data are not shown for those four-digit product groups which include one or more of these product classes.

These two types of modifications have been carried out in order to present comparable data for all years, 1958 to 1966, and to show data, to the greatest degree possible, on a wherever made basis.

DEFINITIONS

General Statistics

The so-called general statistics refer to the basic statistical series on number of establishments, number of companies, employment, payroll, production workers, wages, man-hours, value added, value of shipments and capital expenditures, that are tabulated on the two-digit and four-digit SIC level in this publication. As mentioned above, these series are developed by aggregating data for establishments that engage primarily in the same types of activities. The following definitions of terms, used in reporting general statistics, apply to data shown in tables 1-5 of Section I and tables 1, 2, 4, 5, and 6 of Section II.

Number of establishments: The total number of establishments that are classified with the same SIC code, whether at the two-, or four-digit level of the SIC.

Number of companies: The total number of companies with at least one establishment classified in a given SIC code (reported at the four-digit level only).

Total employment: All full-time and part-time employees on the payrolls of operating manufacturing establishments who worked or received pay for any part of the pay period ended nearest the 15th of selected months. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. All plant employees, including plant officials, are included except proprietors and partners of unincorporated firms.

Total employment generally consists for "production workers" of an average of four monthly figures for March, May, August, and November plus for "all other employees" the mid-March figure.

Production workers: All workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plants' own use (e.g., power plant) record keeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level are excluded from this category.

All other employees: This figure can be derived by subtracting production workers from total em-

ployment. Nonproduction personnel of the manufacturing establishment, including those engaged in the following activities: Factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.); professional, and technical. Also included are employees on the payroll of the manufacturing establishment who are engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

Payroll: This total represents gross wages and salaries paid in the calendar year to all employees on the payroll of operating manufacturing establishments, following the definition of payrolls used for calculating the Federal withholding tax. Included are all forms of compensation, such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deduction as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of the Armed Forces and pensioners carried on the active payrolls of manufacturing establishments.

Production worker man-hours: all plant man-hours of production workers as defined above, represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours). The total excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported.

Wages: Gross earnings paid in the calendar year to all production workers on the payrolls of operating manufacturing establishments.

Value of shipments: Dollar amounts of the received or receivable net selling values, f.o.b. plant, after discounts and allowances, and excluding freight charges and excise taxes. However, where the products of an industry are customarily delivered by the manufacturing establishment (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered prices of the goods.

Value of production data rather than shipments are collected in several instances where value of shipments does not provide a good measure of activity, and where information regarding the value of production is readily reportable.¹ For certain large lead time products (e.g., aircraft) value of work done is substituted.

The value of shipments shown for a product class may differ from the value of production of that class because of inventory changes during the year. In addition, the shipments data do not reflect the output of products produced and used for further processing in the same plant.

Included in value of shipments are: All items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment; receipts for contract work; and receipts for such miscellaneous activities as sale of scrap and refuse, installation work by plant employees, research and development, and repair work. The net selling value of products made in one plant on a contract basis from materials owned by others was reported by the plant providing the materials. The value of products bought and re-sold without further processing (merchandising) was reported separately and is included in the value of shipments totals for each industry, but are not included in product class totals.

For multi-unit companies, the value of products transferred to other establishments of the same company (i.e., other manufacturing plants, separate sales branches, or retail stores) was tabulated as though each establishment were a separate economic unit. Included in "value of interplant transfers within the company" are not only the direct costs of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

Value added: This measure is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments of products manufactured plus receipts for services rendered. The result of this calculation is then adjusted by the addition of value added by merchandising operations (that is the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process inventories between the beginning and end of the year.

"Value added" avoids the duplication in the "value of shipments" figure which results from the use of products of some establishments as materials by others. Consequently, it is useful for comparing the relative economic contribution of the manufacturing process among industries and geographic areas.

¹ This applies to the following codes:

| SIC | Description |
|----------------|--|
| 203 (exc. 2034 | Canned and preserved fruits, vegetables, and sea foods, except dried and dehydrated fruits and vegetables. |
| 2085 | Distilled, rectified, and blended liquors. |
| 21 | Tobacco manufacturers. |

Capital expenditures: For establishments in operation and establishments under construction but not yet in operation, these data include expenditures for (a) permanent additions and major alterations to manufacturing establishments, and (b) new machinery and equipment used for replacement purposes and additions to plant capacity, if these are of the type for which depreciation accounts are ordinarily maintained.

These totals exclude that portion of expenditures for new facilities and equipment leased from non-manufacturing concerns, new facilities owned by the Federal Government but operated under contract by private companies, and plant and equipment furnished to the manufacturer by communities and organizations. Expenditures for used plant and equipment, expenditures for land, and costs of maintenance and repairs charged as current operating expense are also omitted.

Ratios

A number of ratios have been computed based on the general statistics on industries. The following definitions of ratios apply to table 1 in Section I and tables 1 and 5 in Section II:

Value added as percent of shipments: Computed by dividing "value of shipments" into "value added." The resulting percentage shows the new production contribution of an industry to its value of shipments. The complement of that percentage (100.0 minus the percentage), which is not shown, would be an approximation of the importance of the cost of materials of the industry.

Payroll per employee: Computed by dividing "total employment" into "payroll." The resulting dollar figure is a measure of the average annual payroll of employees in an industry. It should be noted that "payroll" is an actual record of the amount of money paid to employees in a given year, while "total employment" is an estimate based on four months' data for that year.

Wages per production worker: Computed by dividing "production workers" into "wages." It is a measure of the annual wages of wage earners in an industry. As in the case of "payroll per employee," it should be noted that the dollar figure, for "wages" is an actual record of amount paid, while "production workers" is estimated by averaging data for four months of the year.

Value of shipments per production worker: Computed by dividing "production workers" into "value of shipments." It is important to note that the "value of shipments" may be affected by several factors, such as cost of materials and the importance of receipts and payments for contract work, which have little or no relationship to the number of production workers.

Value added per production worker: Computed by dividing "production workers" into "value added." Since there are fewer factors in "value

added" than in "value of shipments" that are unrelated to the number of production workers, this measure permits better comparisons of average net contributions of the production process per production worker among industries, areas, and establishments. This ratio does not express the contribution of each production worker to the manufacturing process exclusive of the contribution of the other factors of production but rather expresses a numerical measure of the relationship between the two parameters.

Value added per dollar of wages: Computed by dividing "wages" into "value added." The resulting ratio measures the relative importance of "wages" to net contribution of the whole manufacturing process to dollars of wages paid to the labor factor of production.

Wages per production worker man-hour: Computed by dividing "man-hours" into "wages." The resulting dollar figure is a rough measure of average hourly earnings. It is not a measure of the wage rate since "wages" includes premium payments for overtime as well as vacation and sick leave pay, bonuses, etc.

Annual man-hours per production worker: Computed by dividing "production workers" into "man-hours."

In table 2 of Section II, two ratios have been computed. The ratios relate average capital expenditures (1963-65) to averages for the other two parameters—value added and production workers. The *average annual* capital expenditures is divided by *average annual* value added in the first ratio and divided by *average annual* production worker employment for 1963-65 in the second. Averages were used in calculating ratios because capital expenditures tend to be highly variable on an annual basis.

Input-Output Schedule

Table 3, Section II, presents a series of schedules which illustrate interindustry dependence as it relates to the major industry groups—Food and Kindred Products—SIC 20 (table 3a) and Tobacco Manufactures—SIC 21 (table 3b). The schedules include various percentage tabulations of the inputs and outputs incurred by industries within the major two-digit group of industries for which this table has been prepared. A schedule is included which shows the total impact in terms of output upon the various industry areas resulting from each dollar of final demand for the products of the industries within the industry group being analyzed. Each of these schedules is described and explained below along with other points of clarification.

(Column A)

PURCHASES BY FOOD & KINDRED PRODUCTS INDUSTRIES—TABLE 3a TOBACCO MANUFACTURES—TABLE 3b

This schedule includes all purchases made by industries within the major group from all industry areas (including those industries within the major group itself) and all payments to households for production factor services which are included in the item value added. The purchases made by the industries within the major group from all industry areas are intermediate goods and services that either enter the production process (raw materials or processed material inputs) or facilitate the manufacturing process (transportation charges, utility payments for electricity and water, etc.). Value added includes wages, salaries, proprietors' incomes, corporate profits, rental income of persons, net interest payments, depreciation allowances, indirect business taxes, business transfer payments, and current surplus of government enterprises less subsidies.

(Column B)

SALES BY FOOD & KINDRED PRODUCTS INDUSTRIES—TABLE 3a TOBACCO MANUFACTURES—TABLE 3b

The percentage distribution is "broken down" into sales to industry and sales to final demand. *Sales to industry* shows the relative volume of interindustry sales going to each industry area, including those industries within the major group itself. These interindustry sales involve intermediate goods and services that either enter or facilitate the production process of other industries.

Final demand includes those sales made by the producing industry which are not classified as manufacturing inputs of other industries but are in effect final consumption or final use of a finished product or provided service. The various components of final demand are: consumption expenditures by households, business investment, government purchases, and exports.

(Column C)

INDUSTRY AREAS PROVIDING INPUTS AND OUTPUTS

This column shows a more detailed list of those industries that provide inputs and outputs as they relate to the industries within the major industry group being analyzed. This list has been broken down in manufacturing and nonmanufacturing industry areas with a more detailed "break down" than that shown in Columns A and B.

(Column D)
PERCENT OF FOOD (OR TOBACCO) INDUSTRIES'
PURCHASES FROM OTHER INDUSTRY AREAS

This schedule shows a more detailed percentage break down of the interindustry purchases shown in Column A. The percentages do not add to 100% because the initial percentage distribution was calculated on the basis of total purchases including value added which is not included in this percentage schedule. The total of Column D including value added will not, however, equal the total purchases from industry shown in Column A because of rounding procedures and the exclusion of certain very small items.

(Column E)
PERCENT OF EACH INDUSTRY AREAS' OUTPUT
PURCHASED BY FOOD (OR TOBACCO) INDUSTRIES

The percentage of each industry areas' output sold to industries within the two-digit major group is shown in this schedule. Included is the percentage of gross output from the two-digit group sold back to industries within the two-digit group and the percentage of the output of each of the other industry areas sold to industries within the two-digit group. These percentages of gross output represent interindustry transactions of intermediate goods and services used by food industries.

(Column F)
PERCENT OF FOOD (OR TOBACCO) INDUSTRIES'
TOTAL SALES TO EACH INDUSTRY AREA

The schedule shows the percentage of the gross outputs of all of the industries within the two-digit major industry group sold to each industry area, including sales back to other industries within the major group itself. As stated above, the percentages are based on total gross sales including sales to final demand; however, final demand sales are not included in the tabulation and consequently the total will not equal 100%.

(Column G)
TOTAL REQUIREMENTS PER DOLLAR OF FINAL
DEMAND

This schedule is not expressed in terms of a percentage distribution but is rather expressed in monetary terms. The tabulation shows the total expansion of output in each industry area as a result of the delivery of one dollar's worth of output to final demand by industries within the major group being analyzed. A delivery of output to final demand can be described as any sale to households, investors, foreign buyers, or government agencies.

Product Class Statistics

Data are available on domestic shipments, imports and exports by five-digit product class. The following definitions of terms refer to product class data reported in tables 6 and 7 in Section I and tables 7-9 in Section II.

Value of shipments: On a "product" basis represents the total value of shipments of classes of products, wherever made. They include not only shipments of these products by the industry in which they are primary, but also shipments as secondary products, by establishments in other manufacturing industries.

Dollar amounts shown are the received or receivable net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. However, where the products are customarily delivered by the manufacturing establishment (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered price of goods. As mentioned in an earlier section, value of production is reported in several areas where value of shipments does not provide a good measure of activity.

There is a *very important* distinction between the industry and product value of shipments. This distinction is reflected at the four-digit level in industry tables (2 and 4 in Section I, 5 in Section II) and in product class tables (6 in Section I, 7 in Section II). For example, 1966 values of shipments for canned fruits and vegetables (SIC 2033) are shown in table 5 of Section II as \$3,216 million while in table 7 of that same section shipments appear as \$3,022 million. The difference is accounted for by the fact that the industry shipments are based on total shipments of establishments classified in an industry and therefore include not only shipments of primary products of that industry, but also shipments of other products and other receipts from contract work resales, etc. The product shipments represent only shipments of primary products, including those made by establishments not in the industry to which the products are primary.

Imports: The dollar value shown for imports is defined ordinarily as the market value in the foreign country and excludes U.S. import duties, transportation, insurance and similar costs. In some cases, imports may be valued at the "American Selling Price." In practice, only the values reported for imports subject to an ad valorem rate of duty (approximately 10 to 15% of U.S. imports) tend to conform to this definition. For other imports, the reported values may inadvertently include ocean freight or related costs.

Exports: The dollar value of exports is defined at the point of exportation. Included are the selling price, or cost if not sold, and expenditures for freight, insurance, and other costs to the exportation point.

SOURCES AND LIMITATIONS OF DATA

Sources

The statistical data in this publication are derived directly or indirectly from various Bureau of the Census publications. The only exception is the input-output table which is based on data prepared by the Office of Business Economics.

All tables, except Section II, tables 3, 8, and 9 are derived from the *Censuses of Manufactures* for 1958 and 1963 the *Annual Surveys of Manufactures* for 1959-62 and 1964-66.

Imports and exports shown in tables 8 and 9 of Section II are taken directly from a Census Bureau publication titled, *U.S. Commodity Exports and Imports as Related to Output*.

The input-output percentages shown in table II-3 was derived from data found in the November 1964 issue of the *Survey of Current Business*, a publication of the Office of Business Economics.

Methods of Compilation

Most of the data were collected as part of the *Census of Manufactures* and *Annual Survey of Manufactures* programs. Data for 1958 and 1963, except foreign trade and input-output data, are based on reports covering all manufacturing establishments, and represent, therefore, the most accurate across-the-board information available on U.S. manufacturing activity. Data for 1959-62 and 1964-66 are estimates based upon reports received from a probability sample of all manufacturing establishments. The estimates obtained from the sample will vary from the totals that would have been obtained from a complete canvass of all manufacturing establishments. The relative magnitude of the sampling variation is indicated in the *Annual Survey of Manufactures* publications under the caption "standard error of estimate." These standard errors are not shown in this report. However, where the standard error of estimate is 15% or more for industry data, the figures are indicated as not available (n.a.) and in the case of product classes an asterisk (*) preceding the data is used to identify years in which the standard error is 15% or more.

In using the time series on industries or product classes, it is important to note that both the data in any given year other than 1958 or 1963 as well as the year-to-year changes will be influenced in part by sampling variability.

Import and export data may be affected in some commodity areas by the fact that low valuation transactions are not included. Commodity information is not collected for individual import and export shipments valued under \$100 or for imports on informal entries. Informal entries, by definition, contain only items valued at not more than \$250. This does not seriously understate the published data.

Another problem with foreign trade data arises from the fact that in many cases the classification and valuation of products to be imported or exported is done basically by the importer, exporter, or designated representatives. Inaccuracies, particularly with respect to export data, may occur through errors in classification.

Price Changes

In using time series based on dollar valuation, it should be remembered that none of the data have been adjusted for changes in prices. Therefore, the real growth in shipments of a given item during any period may be understated or overstated relative to other products or items.

Changes in Product Mix

Although the classification of industry and product statistics presented in this publication changed little during the period covered, there were some substantial shifts in the relative importance of products within industries or product classes. The characteristics of an industry may have changed substantially during the 1958-66 period as a result of such changes in the product mix. Related changes in types of processes or materials used may also significantly affect the meaningful comparison of an industry or product class over time. For analysis of changes in product mix, data on individual products are available on a continuing basis for many products from the *Current Industrial Reports* series of the Bureau of the Census and for all products in years for which a complete *Census of Manufactures* is conducted.

Duplication in Shipments Data

The value of shipments data shown in this publication may contain extensive duplication, particularly at the two-digit SIC level. This occurs because the shipments of one four-digit industry (e.g., flour) become the "materials" of another four-digit industry (e.g., bakeries). At the two-digit SIC level the value of shipments of the flour is counted twice. This problem also occurs at the four-digit SIC and five-digit product class levels to a lesser extent. For example, when equipment and its component parts are classified as a unit, shipments of the parts by parts manufacturers to equipment manufacturers would be double-counted.

Growth Rankings

Tables 4, 6, and 7 of Section I present rankings of industries and product classes based on the growth in value of shipments between 1958 and 1966. These rankings should be used with caution for several reasons already mentioned, including sampling errors, price changes, etc. In addition,

it should be noted that the rankings are not complete, because 1958 data were not available in some cases. For example, some of the rapidly growing plastics products are excluded from tables 6 and 7 in Section I for this reason.

Comparing Exports, Imports, and Shipments

Caution should be used in comparing product class shipments with imports and/or exports as reported in tables 7-9 of Section II. As mentioned earlier, the methods of valuation used are substantially different. Shipments are valued at f.o.b. plant, exports at f.o.b. port of exportation, and imports at f.o.b. foreign port of exportation. Other reasons for using caution in comparing shipments, exports and imports include:

- a. shipments as described above may include duplication that would overstate their value in relation to exports or imports.

- b. shipments in some areas are classified in not-specified-by-kind classes which can therefore understate shipments in other areas.
- c. shipments are subject to sampling variability in non-Census years and imports and particularly exports may be subject to error due to reporting procedures used.
- d. used commodities are included in exports and imports thereby slightly overstating these data relative to shipments.

Age of Input-Output Data

The input-output data shown in table 3 of Section II are based upon data compiled in 1958. Subsequent changes in the structure of the manufacturing economy resulting from changes in product mix, processes used, or materials used would not be reflected in these data.

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U.S. DEPARTMENT OF COMMERCE
Maurice H. Stans, Secretary

BUSINESS AND DEFENSE SERVICES
ADMINISTRATION
Rodney L. Borum, Administrator

FEBRUARY 1969

Foreword

Lumber and Furniture Manufacturing presents a statistical picture of economic developments in the lumber and furniture industries, and some comparable data for other manufacturing industries, for the period 1958 to 1966. Data are from the Bureau of Census.

The publication consists of: A descriptive introduction covering each of the two industry groups; two series of tables presenting basic statistical data for these industries; and an appendix that provides detailed descriptions of industries covered and explanatory notes on the source and use of the data. The statistical data are presented in two parts. Section I data show the size and growth of the lumber and furniture industries in relation to all manufacturing and to the largest and fastest growing manufacturing industries. Section II provides more detailed profiles of lumber and furniture manufacturing, including data on geographic distribution, product shipments and growth rates, and foreign trade.

Davis A. Portner, Assistant Administrator for Industrial Analysis and Business Programs, BDSA, and Thomas E. Murphy, Program Assistant were responsible for the overall planning and preparation of the volume. Narrative and statistical materials were prepared under the supervision of David N. Cohen, Director, Statistical Operations and Analysis Staff, with the assistance of Richard Heimlich, Gloria Dickson and Dorothy Wagner and with the cooperation of Raymond J. Long, Director, Automatic Data Processing Division and Robert Kraft and Frank Jaffee.

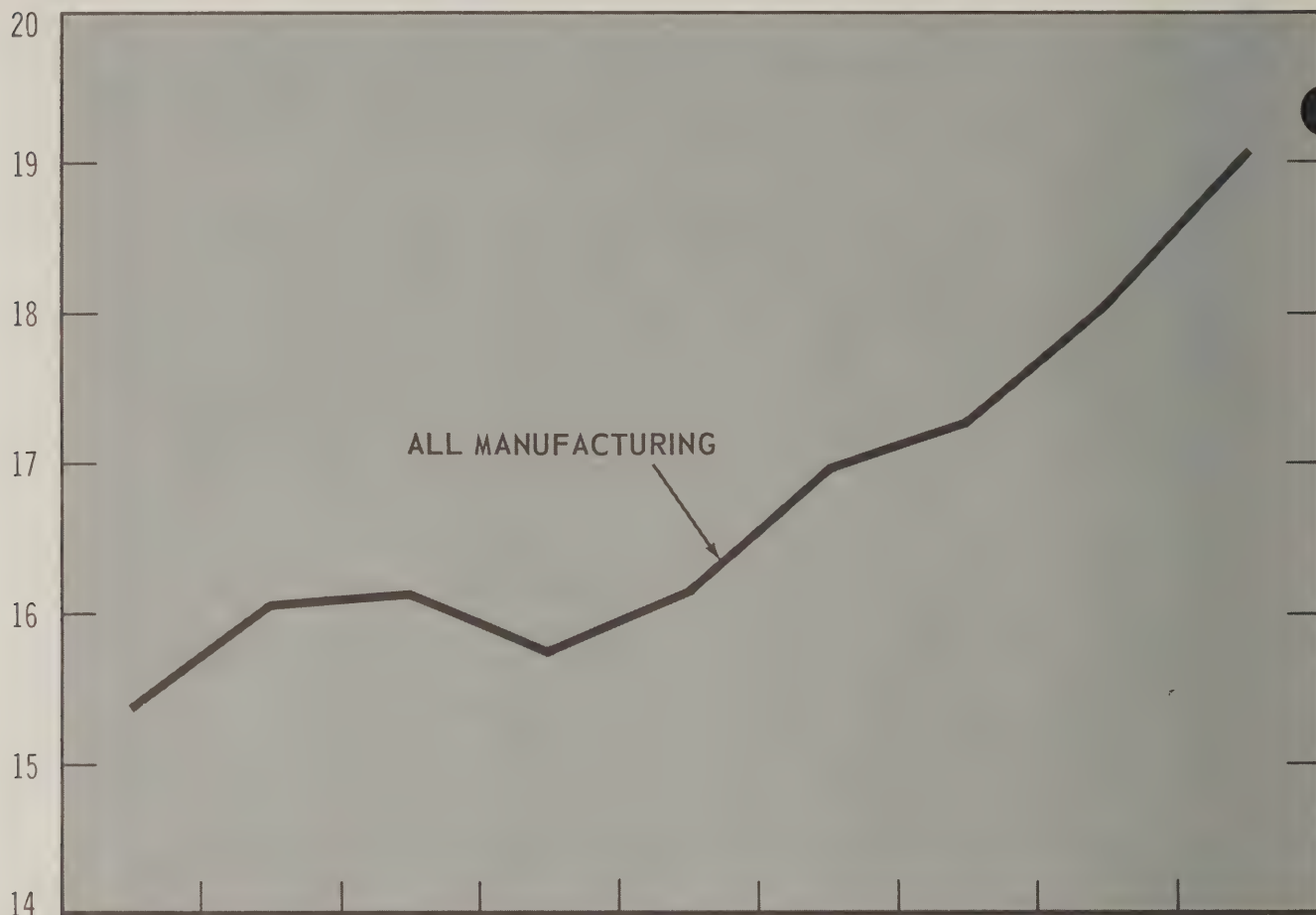
Rodney L. Borum, Administrator
Business and Defense Services Administration

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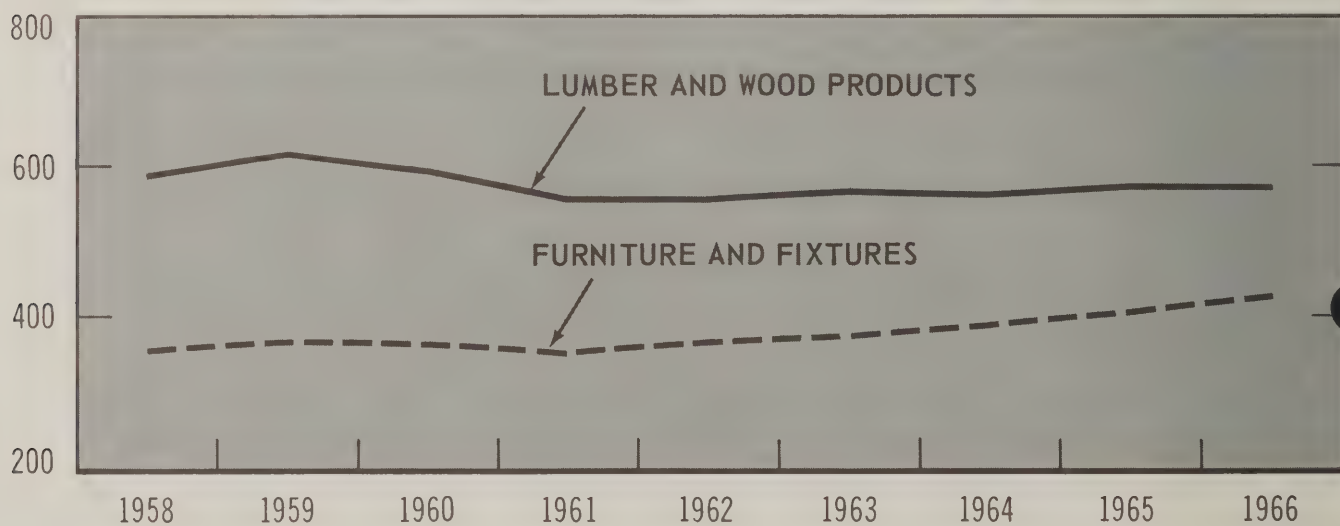
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EMPLOYMENT IN ALL MANUFACTURING VS. LUMBER AND FURNITURE MANUFACTURING, 1958-1966

Millions of Employees



Thousands of Employees



Source: Bureau of the Census.

TRENDS IN THE LUMBER AND FURNITURE INDUSTRIES¹

Place in the Economy

Despite sizable gains in some segments of the lumber and furniture industries since 1958, both industries experienced slower rates of growth than the average for all manufacturing industries from 1958 to 1966. Value added in lumber and furniture rose 49 and 66 percent, respectively, during these years while value added in all manufacturing increased 78 percent. During the same period, employment rose significantly in the furniture industry as well as in all manufacturing industries, increasing 21 percent and 24 percent, respectively, but declined slightly in the lumber and wood products industry. In 1966, the lumber and furniture industries provided 5 percent of all factory jobs and accounted for 3 1/2 percent of value added by all manufacturing.

Both industries are influenced by fluctuations in housing starts and therefore grew steadily from 1961 to 1966. However, the lumber industry has been affected by competition from increased use of other building materials such as brick, concrete block, asbestos, aluminum siding, and glass.

The fastest growing segment of the lumber industry during this period was the veneer and plywood industry with shipments in 1966 almost double the 1958 level. Sales of a number of specific lumber products rose rapidly during these years. Particleboard shipments grew five-fold, reflecting its growing use in construction and as a furniture core material. Non-wood face plywood shipments rose more than 3 1/2 times as a result of growing consumer acceptance of plastic laminated paneling and furniture. Pallets and skids shipments also rose almost 3 1/2 times because of improved methods of mechanical handling of goods.

¹The lumber and wood products industries (SIC Major Group 24) cover a broad range of manufacturing activities in which wood is the primary raw material, except furniture. Starting with logging operations cutting timber, these industries produce semi-finished products (e.g., lumber) from which such diverse finished products as containers, millwork, prefab buildings, pallets, and picture frames are made.

The furniture and fixture industries (SIC Major Group 25) produce household, office, and public building furniture, as well as partitions, shelving, office and store fixtures, and venetian blinds and shades. Wood and metal are the major materials used.

Shipments of both metal and wood office furniture more than doubled from 1958 to 1966. Non-upholstered wood furniture shipments rose more rapidly than upholstered furniture during this 8-year period and accounted for approximately two-thirds of the \$3.7 million value of shipments in these categories in 1966.

Geographic Concentration

Availability of wood raw materials and proximity to major urban markets have determined the location of lumber and wood products industry firms. The heaviest concentration of establishments producing lumber and wood products has been in or near the large forests of the Pacific Northwest. In 1965, Oregon, California, and Washington were the three largest producing States, and accounted for 29 percent of the industry's employment and 38 percent of the value added.

The furniture and fixtures industry is more widely dispersed with manufacturing operations carried on in all but a handful of States. However, the major furniture producing States are North Carolina, California, and New York. In 1965, manufacturing operations in these three States produced 30 percent of the value added and accounted for 30 percent of the industry's employment. These three States plus six other large producing States—Pennsylvania, Virginia, Michigan, Indiana, Illinois, and Tennessee—accounted for approximately two-thirds of all value added and employment in 1965.

Foreign Trade

Lumber and wood products imports are more than twice the level of U.S. exports. In 1966, the United States imported \$772 million of lumber and wood products. Hardwood plywood and hardwood veneer imports have made significant inroads into U.S. markets and accounted for one-fourth of domestic apparent consumption in 1966. Almost half of the hardwood plywood is imported from Asia.

While furniture and fixtures imports also exceed exports, the volume represents only a small fraction of all shipments.

Description of Tables

Section I.—Comparison With All Manufacturing

This section presents data that permit comparison of the lumber and furniture industries with all manufacturing and with other manufacturing areas. There are seven tables.

Table I-1 presents general profiles of all manufacturing and of the two industry groups, SIC 24 and SIC 25 for the period 1958 to 1966. The table shows 13 basic data series relating to employment, payrolls, man-hours, value added by manufacture, capital expenditures and selected averages and ratios.

Table I-2 and I-3, respectively, show 50 largest industries in terms of shipments and employment in 1966. Tables I-4 and I-5, respectively, show the 50 fastest-growing industries between 1958 and 1966 in terms of shipments and employment. Lumber and furniture industries are underscored in each table. The value of shipments used in table I-4 for computing growth ratios between 1958 and 1966 is not adjusted for changes in prices and product mix. Industries that have experienced decreases or rapid increases in prices during this period may be substantially under-or-over-stated in terms of their growth relative to other industries. Also, data for industries that have undergone substantial changes in product mix due to technological changes, materials substitutions or similar factors, may be somewhat distorted.

Tables I-6 and I-7 trace product shipments for the 100 fastest-growing product groups and the 200 fastest-growing product classes, respectively. Once again, lumber and furniture products are underscored. The product groups and classes are ranked according to 1966/1958 growth ratios. As with the industry growth ratios described above, the growth ratios shown for product shipments have not been adjusted for changes in price or product mix. Also, certain adjustments have been made in order to derive comparable data for the 9-year period. For cases involving more detailed product classes, which have appeared only in recent years, the data are shown on a total basis. Another adjustment is made for products primary to more than one industry, so that product shipments will reflect total shipments of a product wherever made.

See Appendix 2 for a more detailed explanation of these adjustments and more detailed definitions of terms used in Section I.

Section II.—Profiles of Lumber and Furniture Manufacturing

This section presents detailed data on the lumber and furniture industries.

Table II-1a presents lumber industry group data by State for the years 1958 and 1963 through 1965. Shipments data have been excluded because of the duplication in counting resulting from intermediate shipments between industries. Table II-1b presents similar data for furniture.

In Table II-2a and table II-2b, capital expenditures and ratios relating capital expenditures to value added and to production workers are shown by State for the major industry groups 24 and 25. Data for 1958 and 1963, 1964, and 1965 are presented with totals shown for the 3 year period 1963-65.

Table II-3 shows the number of companies as well as the total number of establishments and those with 20 or more employees in the year 1963 for each four-digit industry.

Table II-4 presents general statistics and selected ratios for the four-digit industries included in major industry groups 24 and 25.

Table II-5 ranks all lumber and furniture manufacturing industries by growth in value of shipments between 1958 and 1966. The same cautions given with respect to table I-4 should be heeded in using this table.

Table II-6 includes product shipments data and growth ratios for all four-digit product groups and five-digit product classes within the 24 and 25 grouping. The same limitations that applied to the product shipments data of Section I also apply here; growth ratios have not been adjusted for changes in price or product mix. And, as noted above and explained in Appendix 2, certain adjustments have been made in the groupings and classes to derive comparable data for the 9-year period.

Tables II-7 and 8 cover import and export data for the two-digit industry groups and all four-digit product groups and five-digit product classes for which import and export data are available.

For more detailed explanations of terms and methods used in compiling Section II tables, refer to Appendix 2.

Symbols

The key to symbols used in the tables is as follows:

n.a. Not available.
 n.c. Not computed.
 n.s.k. Not specified by kind.
 n.e.c. Not elsewhere classified.
 * Standard error of estimate of 15 percent or more.

**

Data not shown because four-digit group includes one or more products primary to more than one industry.

--

Data for this product class which is primary to more than one industry, have been aggregated with data for the other product classes of the same definition (see product description for reference).

Z

Less than \$500,000.

Section I.—Comparison With All Manufacturing

Table I-1.—GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, LUMBER AND FURNITURE, 1958-66

| Year | ALL MANUFACTURING | | | | | | |
|-----------|-----------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man-hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 15,393.8 | 73,749.7 | 11,644.2 | 22,632.6 | 49,503.8 | 141,270.3 | 9,075.8 |
| 1959..... | 16,068.7 | 81,148.4 | 12,260.4 | 24,432.5 | 54,658.7 | 160,991.6 | 9,012.3 |
| 1960..... | 16,124.1 | 83,547.2 | 12,179.0 | 24,135.8 | 55,452.1 | 163,230.8 | 9,968.1 |
| 1961..... | 15,744.9 | 83,692.4 | 11,794.5 | 23,325.9 | 54,803.2 | 164,614.0 | 9,415.9 |
| 1962..... | 16,174.8 | 89,926.8 | 12,138.8 | 24,306.9 | 59,176.8 | 179,322.8 | 9,983.9 |
| 1963..... | 16,961.9 | 99,714.3 | 12,232.4 | 24,512.0 | 62,014.4 | 191,911.3 | 11,397.3 |
| 1964..... | 17,268.5 | 106,048.1 | 12,403.3 | 25,245.5 | 65,838.9 | 206,193.6 | 13,287.2 |
| 1965..... | 18,047.6 | 114,143.2 | 13,058.8 | 26,577.5 | 71,376.3 | 226,974.5 | 16,606.6 |
| 1966..... | 19,066.0 | 125,458.8 | 13,810.4 | 28,220.3 | 78,283.4 | 251,013.9 | 20,234.3 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 4,791 | 4,251 | 12,132 | 2.854 | 2.187 | 1,944 |
| 1959..... | 5,053 | 4,458 | 13,131 | 2.945 | 2.237 | 1,993 |
| 1960..... | 5,182 | 4,553 | 13,403 | 2.944 | 2.298 | 1,982 |
| 1961..... | 5,316 | 4,646 | 13,957 | 3.004 | 2.349 | 1,978 |
| 1962..... | 5,560 | 4,875 | 14,773 | 3.030 | 2.435 | 2,002 |
| 1963..... | 5,879 | 5,070 | 15,689 | 3.095 | 2.530 | 2,004 |
| 1964..... | 6,141 | 5,308 | 16,624 | 3.132 | 2.608 | 2,035 |
| 1965..... | 6,325 | 5,466 | 17,381 | 3.180 | 2.686 | 2,035 |
| 1966..... | 6,580 | 5,668 | 18,176 | 3.206 | 2.774 | 2,043 |

| Year | LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE | | | | | | |
|-----------|--|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man-hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 585.4 | 2,007.5 | 508.9 | 966.9 | 1,642.2 | 3,212.6 | 286.5 |
| 1959..... | 617.3 | 2,230.3 | 552.0 | 1,071.1 | 1,849.5 | 3,805.8 | 300.7 |
| 1960..... | 594.4 | 2,169.4 | 528.9 | 1,027.9 | 1,779.0 | 3,494.9 | 334.0 |
| 1961..... | 555.5 | 2,083.9 | 493.8 | 960.5 | 1,714.2 | 3,413.1 | 242.2 |
| 1962..... | 552.7 | 2,169.8 | 493.0 | 972.0 | 1,779.5 | 3,643.9 | 300.1 |
| 1963..... | 563.4 | 2,341.0 | 496.5 | 982.1 | 1,937.6 | 4,002.6 | 372.4 |
| 1964..... | 559.2 | 2,535.7 | 490.4 | 985.3 | 2,046.8 | 4,364.9 | 386.9 |
| 1965..... | 570.6 | 2,582.3 | 505.4 | 1,006.7 | 2,120.1 | 4,470.6 | 482.1 |
| 1966..... | 569.8 | 2,688.7 | 504.2 | 1,013.0 | 2,210.6 | 4,788.6 | 485.2 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 3,429 | 3,226 | 6,312 | 1.956 | 1.698 | 1,899 |
| 1959..... | 3,612 | 3,350 | 6,894 | 2.057 | 1.726 | 1,940 |
| 1960..... | 3,649 | 3,363 | 6,607 | 1.964 | 1.730 | 1,943 |
| 1961..... | 3,751 | 3,471 | 6,911 | 1.991 | 1.784 | 1,945 |
| 1962..... | 3,925 | 3,609 | 7,391 | 2.047 | 1.830 | 1,971 |
| 1963..... | 4,155 | 3,902 | 8,061 | 2.065 | 1.972 | 1,978 |
| 1964..... | 4,534 | 4,173 | 8,900 | 2.132 | 2,077 | 2,009 |
| 1965..... | 4,525 | 4,194 | 8,845 | 2.108 | 2,105 | 1,991 |
| 1966..... | 4,718 | 4,384 | 9,497 | 2.166 | 2.182 | 2,009 |

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING,
LUMBER AND FURNITURE, 1958-66--Con.

| Year | FURNITURE AND FIXTURES | | | | | | |
|-----------|------------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man-hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 354.2 | 1,413.7 | 292.4 | 575.0 | 1,038.5 | 2,396.0 | 82.6 |
| 1959..... | 368.2 | 1,522.0 | 309.2 | 628.2 | 1,130.5 | 2,613.9 | 84.0 |
| 1960..... | 364.3 | 1,530.7 | 304.0 | 614.8 | 1,123.9 | 2,619.0 | 75.9 |
| 1961..... | 350.5 | 1,503.2 | 292.6 | 590.1 | 1,097.0 | 2,558.1 | 76.6 |
| 1962..... | 367.6 | 1,637.6 | 307.4 | 632.3 | 1,205.4 | 2,841.1 | 96.4 |
| 1963..... | 374.4 | 1,714.6 | 313.2 | 636.5 | 1,281.0 | 3,033.2 | 105.9 |
| 1964..... | 388.2 | 1,844.5 | 323.8 | 663.0 | 1,374.6 | 3,226.9 | 108.2 |
| 1965..... | 407.1 | 2,013.4 | 338.7 | 698.8 | 1,486.6 | 3,612.4 | 151.1 |
| 1966..... | 428.1 | 2,186.0 | 360.3 | 734.0 | 1,619.7 | 3,978.2 | 185.5 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per produc- tion worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|--------------------------------------|--|--|--|--|--|
| 1958..... | 3,991 | 3,551 | 8,194 | 2.307 | 1,806 | 1,966 |
| 1959..... | 4,133 | 3,656 | 8,453 | 2.312 | 1,799 | 2,031 |
| 1960..... | 4,201 | 3,697 | 8,615 | 2.330 | 1,828 | 2,022 |
| 1961..... | 4,288 | 3,749 | 8,742 | 2.331 | 1,859 | 2,016 |
| 1962..... | 4,454 | 3,921 | 9,242 | 2.356 | 1,906 | 2,056 |
| 1963..... | 4,579 | 4,090 | 9,684 | 2.367 | 2,012 | 2,032 |
| 1964..... | 4,751 | 4,245 | 9,965 | 2.347 | 2,073 | 2,047 |
| 1965..... | 4,945 | 4,389 | 10,665 | 2.429 | 2,127 | 2,063 |
| 1966..... | 5,106 | 4,495 | 11,041 | 2.456 | 2,206 | 2,037 |

Table I-2.--FIFTY LARGEST INDUSTRIES RANKED BY 1966 VALUE OF SHIPMENTS*

| SIC code | Description | 1966 value of shipments (millions of dollars) |
|-------------|--|--|
| 3717 | Motor Vehicles and Parts..... | 45,630 |
| 3312 | Blast Furnaces and Steel Mills..... | 21,193 |
| 2911 | Petroleum Refining..... | 18,742 |
| 2011 | Meat Packing Plants..... | 15,069 |
| 3721 | Aircraft..... | 9,000 |
| 3662 | Radio, TV Communication Equipment..... | 7,563 |
| 2026 | Fluid Milk..... | 7,435 |
| 2818 | Organic Chemicals, n.e.c..... | 6,541 |
| 275X | Commercial Printing, Except Engraving..... | 5,994 |
| 2711 | Newspapers..... | 5,520 |
| 2051 | Bread and Related Products..... | 5,007 |
| 3571 | Computing and Related Machines..... | 4,833 |
| 2621 | Paper Mills, Except Building..... | 4,805 |
| 3079 | Plastics Products, n.e.c..... | 4,658 |
| 3722 | Aircraft Engines and Parts..... | 4,572 |
| 2042 | Prepared Animal Feeds..... | 4,438 |
| 2834 | Pharmaceutical Preparations..... | 4,432 |
| 3522 | Farm Machinery and Equipment..... | 4,332 |
| 3651 | Radio and TV Receiving Sets..... | 4,092 |
| 3679 | Electronic Components..... | 4,002 |
| 2819 | Inorganic Chemicals, n.e.c..... | 3,845 |
| 3729 | Aircraft Equipment, n.e.c..... | 3,781 |
| 3531 | Construction Machinery..... | 3,768 |
| 1925 | Complete Guided Missiles..... | 3,767 |
| 3461 | Metal Stampings..... | 3,756 |
| 3011 | Tires and Inner Tubes..... | 3,716 |
| 3357 | Nonferrous Wire Drawing, etc..... | 3,711 |
| 2211 | Weaving Mills, Cotton..... | 3,562 |
| 2821 | Plastics Materials and Resins..... | 3,533 |
| 2421 | Sawmills and Planing Mills..... | 3,391 |
| 3861 | Photographic Equipment..... | 3,286 |
| 2033 | Canned Fruits and Vegetables..... | 3,216 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 3,139 |
| 3352 | Aluminum Rolling and Drawing..... | 3,100 |
| 2850 | Paints and Allied Products..... | 2,970 |
| 282X | Man-Made Fibers..... | 2,916 |
| 2653 | Corrugated Shipping Containers..... | 2,891 |
| 3599 | Miscellaneous Machinery..... | 2,865 |
| 2111 | Cigarettes..... | 2,860 |
| 2631 | Paperboard Mills..... | 2,853 |
| 3351 | Copper Rolling and Drawing..... | 2,846 |
| 2015 | Poultry Dressing Plants..... | 2,754 |
| 2086 | Bottled and Canned Soft Drinks..... | 2,735 |
| 3321 | Gray Iron Foundries..... | 2,728 |
| 2721 | Periodicals..... | 2,718 |
| 3585 | Refrigeration Machinery..... | 2,713 |
| 2082 | Malt Liquors..... | 2,700 |
| 3141 | Footwear, Except Rubber..... | 2,650 |
| 3411 | Metal Cans..... | 2,631 |
| 3441 | Fabricated Structural Steel..... | 2,602 |

*Lumber and furniture industries are underscored.

Table I-3.--FIFTY LARGEST INDUSTRIES RANKED BY 1966 EMPLOYMENT*

| SIC code | Description | 1966 employment (thousands) |
|----------|--|-----------------------------|
| 3717 | Motor Vehicles and Parts..... | 799 |
| 3312 | Blast Furnaces and Steel Mills..... | 559 |
| 3662 | Radio, TV Communication Equipment..... | 377 |
| 3721 | Aircraft..... | 357 |
| 2711 | Newspapers..... | 333 |
| 275X | Commercial Printing, Except Engraving..... | 326 |
| 3679 | Electronic Components..... | 234 |
| 2051 | Bread and Related Products..... | 232 |
| 3079 | Plastics Products, n.e.c..... | 224 |
| 2211 | Weaving Mills, Cotton..... | 209 |
| 3141 | Footwear, Except Rubber..... | 206 |
| 2421 | Sawmills and Planing Mills..... | 195 |
| 2335 | Dresses, Womens and Misses..... | 192 |
| 3729 | Aircraft Equipment, n.e.c..... | 190 |
| 3722 | Aircraft Engines and Parts..... | 188 |
| 2011 | Meat Packing Plants..... | 174 |
| 2026 | Fluid Milk..... | 169 |
| 3461 | Metal Stampings..... | 164 |
| 3599 | Miscellaneous Machinery..... | 164 |
| 1925 | Complete Guided Missiles..... | 164 |
| 2511 | Wood Furniture Not Upholstered..... | 160 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 144 |
| 3321 | Gray Iron Foundries..... | 141 |
| 3522 | Farm Machinery and Equipment..... | 137 |
| 3571 | Computing and Related Machines..... | 136 |
| 3731 | Ship Building and Repairing..... | 135 |
| 2621 | Paper Mills, Except Building..... | 135 |
| 2311 | Mens and Boys Suits and Coats..... | 134 |
| 3651 | Radio and TV Receiving Sets..... | 130 |
| 3531 | Construction Machinery..... | 121 |
| 3544 | Special Dies and Tools..... | 120 |
| 2086 | Bottled and Canned Soft Drinks..... | 118 |
| 2321 | Mens Dress Shirts and Nightwear..... | 113 |
| 3661 | Telephone Telegraph Apparatus..... | 113 |
| 3621 | Motors and Generators..... | 112 |
| 2911 | Petroleum Refining..... | 107 |
| 3429 | Hardware, n.e.c..... | 103 |
| 2221 | Weaving Mills, Synthetics..... | 103 |
| 2033 | Canned Fruits and Vegetables..... | 101 |
| 2834 | Pharmaceutical Preparations..... | 98 |
| 3441 | Fabricated Structural Steel..... | 97 |
| 225X | Hosiery..... | 96 |
| 2653 | Corrugated Shipping Containers..... | 96 |
| 2818 | Organic Chemicals, n.e.c..... | 96 |
| 2337 | Womens Suits, Coats and Skirts..... | 95 |
| 282X | Man-Made Fibers..... | 93 |
| 3011 | Tires and Inner Tubes..... | 93 |
| 3494 | Valves and Pipe Fittings..... | 92 |
| 2327 | Separate Trousers..... | 91 |
| 3443 | Boiler Shop Products..... | 91 |

*Lumber and furniture industries are underscored.

Table I-4.--FIFTY FASTEST GROWING INDUSTRIES RANKED BY 1958-66 SHIPMENTS GROWTH*

| SIC code | Title | Value of shipments (millions of dollars) | | Ratio 1966/1958 |
|----------|--|---|-------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 138 | 803 | 5.80 |
| 3672 | Cathode Ray Picture Tubes..... | 159 | 812 | 5.10 |
| 3674 | Semiconductors..... | 250 | 1,124 | 4.49 |
| 3571 | Computing and Related Machines..... | 1,104 | 4,833 | 4.38 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c..... | 200 | 829 | 4.15 |
| 2272 | Tufted Carpets and Rugs..... | 318 | 1,206 | 3.80 |
| 1951 | Small Arms, 30 mm. and Under..... | 79 | 274 | 3.46 |
| 3679 | Electronic Components..... | 1,195 | 4,002 | 3.35 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 97 | 321 | 3.33 |
| 3831 | Optical Instruments and Lenses..... | 103 | 332 | 3.23 |
| 3392 | Nonferrous Forgings..... | 99 | 311 | 3.16 |
| 3742 | Railroad and Street Cars..... | 562 | 1,696 | 3.02 |
| 3537 | Industrial Trucks and Tractors..... | 369 | 792 | 2.94 |
| 3399 | Primary Metal Industries, n.e.c..... | 141 | 399 | 2.83 |
| 1961 | Small Arms Ammunition..... | 167 | 468 | 2.79 |
| 3841 | Surgical and Medical Instruments..... | 130 | 360 | 2.76 |
| 3861 | Photographic Equipment..... | 1,205 | 3,286 | 2.73 |
| 3953 | Marking Devices..... | 60 | 162 | 2.71 |
| 3541 | Metal-Cutting Machine Tools..... | 680 | 1,826 | 2.69 |
| 3662 | Radio, TV Communications Equipment..... | 2,853 | 7,563 | 2.65 |
| 3651 | Radio and TV Receiving Sets..... | 1,548 | 4,092 | 2.64 |
| 2262 | Finishing Plants, Synthetic..... | 211 | 550 | 2.61 |
| 2519 | Household Furniture, n.e.c..... | 31 | 78 | 2.55 |
| 3622 | Industrial Controls..... | 413 | 1,049 | 2.54 |
| 3357 | Nonferrous Wire Drawing, etc..... | 1,466 | 3,711 | 2.53 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 95 | 240 | 2.53 |
| 2282 | Throwing and Winding Mills..... | 175 | 438 | 2.51 |
| 3799 | Transportation Equipment, n.e.c..... | 93 | 232 | 2.50 |
| 3499 | Fabricated Metal Products, n.e.c..... | 340 | 850 | 2.50 |
| 3079 | Plastics Products, n.e.c..... | 1,868 | 4,658 | 2.49 |
| 2295 | Coated Fabric, Not Rubberized..... | 247 | 595 | 2.41 |
| 3545 | Machine Tool Accessories..... | 511 | 1,230 | 2.41 |
| 3479 | Metal Coating, Engraving, etc..... | 196 | 469 | 2.39 |
| 3715 | Truck Trailers..... | 335 | 796 | 2.38 |
| 3565 | Industrial Patterns..... | 98 | 233 | 2.37 |
| 3536 | Hoists, Cranes and Monorails..... | 185 | 437 | 2.37 |
| 3791 | Trailer Coaches..... | 461 | 1,089 | 2.36 |
| 3341 | Secondary Nonferrous Metals..... | 724 | 1,709 | 2.36 |
| 3351 | Copper Rolling and Drawing..... | 1,210 | 2,846 | 2.35 |
| 2256 | Knit Fabric Mills..... | 487 | 1,144 | 2.35 |
| 3713 | Truck and Bus Bodies..... | 308 | 719 | 2.33 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c.)..... | 245 | 571 | 2.33 |
| 2327 | Separate Trousers..... | 452 | 1,042 | 2.30 |
| 2844 | Toilet Preparations..... | 1,059 | 2,431 | 2.29 |
| 3542 | Metal-Forming Machine Tools..... | 318 | 728 | 2.29 |
| 3559 | Special Industry Machinery, n.e.c..... | 761 | 1,731 | 2.27 |
| 3572 | Typewriters..... | 238 | 534 | 2.24 |
| 3569 | General Industry Machinery, n.e.c..... | 458 | 1,024 | 2.23 |
| 3451 | Metal Coating, Engraving, etc..... | 425 | 949 | 2.23 |
| 3694 | Engine Electrical Equipment..... | 607 | 1,342 | 2.21 |

*Lumber and furniture industries are underscored.

Table I-5.--FIFTY FASTEST GROWING INDUSTRIES RANKED BY 1958-66 EMPLOYMENT GROWTH*

| SIC code | Title | Total employment (thousands) | | Ratio 1966/1958 |
|-------------|--|---------------------------------|------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 11 | 42 | 3.75 |
| 3674 | Semiconductors..... | 23 | 82 | 3.52 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c..... | 16 | 46 | 2.98 |
| 3672 | Cathode Ray Picture Tubes..... | 9 | 25 | 2.89 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 3 | 7 | 2.74 |
| 2272 | Tufted Carpets and Rugs..... | 12 | 28 | 2.45 |
| 3662 | Radio, TV Communications Equipment..... | 154 | 377 | 2.44 |
| 3831 | Optical Instruments and Lenses..... | 7 | 17 | 2.43 |
| 3679 | Electronic Components..... | 109 | 234 | 2.15 |
| 1961 | Small Arms Ammunition..... | 9 | 19 | 2.12 |
| 2519 | Household Furniture, n.e.c..... | 2 | 5 | 2.09 |
| 3791 | Trailer Coaches..... | 19 | 39 | 2.06 |
| 3392 | Nonferrous Forgings..... | 5 | 10 | 2.06 |
| 3799 | Transportation Equipment, n.e.c..... | 5 | 9 | 1.99 |
| 3651 | Radio and TV Receiving Sets..... | 67 | 130 | 1.96 |
| 3079 | Plastics Products, n.e.c..... | 116 | 224 | 1.93 |
| 1951 | Small Arms, 30 mm. and Under..... | 8 | 15 | 1.92 |
| 3499 | Fabricated Metal Products, n.e.c..... | 20 | 37 | 1.85 |
| 3399 | Primary Metal Industries, n.e.c..... | 10 | 18 | 1.83 |
| 3742 | Railroad and Street Cars..... | 24 | 44 | 1.80 |
| 3715 | Truck Trailers..... | 16 | 28 | 1.79 |
| 3537 | Industrial Trucks and Tractors..... | 15 | 26 | 1.78 |
| 2327 | Separate Trousers..... | 52 | 91 | 1.76 |
| 2256 | Knit Fabric Mills..... | 18 | 32 | 1.74 |
| 2295 | Coated Fabric, Not Rubberized..... | 10 | 18 | 1.74 |
| 3536 | Hoists, Cranes and Monorails..... | 10 | 16 | 1.73 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c.)..... | 12 | 20 | 1.73 |
| 3841 | Surgical and Medical Instruments..... | 10 | 18 | 1.71 |
| 3622 | Industrial Controls..... | 27 | 46 | 1.69 |
| 3571 | Computing and Related Machines..... | 81 | 136 | 1.68 |
| 2391 | Curtains and Draperies..... | 16 | 27 | 1.63 |
| 3699 | Electrical Products, n.e.c..... | 10 | 17 | 1.62 |
| 3479 | Metal Coating, Engraving, etc..... | 16 | 25 | 1.61 |
| 3953 | Marking Devices..... | 5 | 9 | 1.60 |
| 2843 | Surface Active Agents..... | 3 | 5 | 1.60 |
| 2892 | Explosives..... | 15 | 24 | 1.60 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 5 | 8 | 1.59 |
| 2399 | Textile Products, n.e.c..... | 18 | 28 | 1.58 |
| 3713 | Truck and Bus Bodies..... | 20 | 32 | 1.58 |
| 2037 | Frozen Fruits and Vegetables..... | 40 | 62 | 1.58 |
| 3497 | Metal Foil and Leaf..... | 4 | 5 | 1.56 |
| 2646 | Pressed and Molded Pulp Goods..... | 4 | 7 | 1.56 |
| 3931 | Musical Instruments and Parts..... | 16 | 25 | 1.56 |
| 3316 | Cold Finishing of Steel Shapes..... | 11 | 17 | 1.55 |
| 2339 | Womens Outerwear, n.e.c..... | 44 | 68 | 1.55 |
| 3872 | Watchcases..... | 3 | 4 | 1.54 |
| 2262 | Finishing Plants, Synthetic..... | 16 | 25 | 1.54 |
| 3635 | Household Vacuum Cleaners..... | 5 | 8 | 1.54 |
| 3634 | Electrical Housewares and Fans..... | 29 | 45 | 1.53 |
| 282X | Man-Made Fibers (Includes: 2823 Cellulosic Man-Made Fibers and 2824 Synthetic Organic Fibers, Except Cellulosic)..... | 61 | 93 | 1.52 |

*Lumber and furniture industries are underscored.

Table I-6.--ONE-HUNDRED FASTEST GROWING PRODUCT GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*

NOTE: See introduction for explanation of symbols.

| Rank | Code | Class of product | Shipments (million dollars) | | Ratio 1966/1958 |
|------|------|--|--------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 3674 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 2 | 3672 | Cathode Ray Picture Tubes, Including Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 3 | 3571 | Computing and Related Machines..... | 1,034 | 4,156 | 4.02 |
| 4 | 3679 | Electronic Components, n.e.c..... | 1,298 | 4,808 | 3.71 |
| 5 | 2272 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 6 | 3742 | Railroad and Street Cars..... | 529 | 1,658 | 3.14 |
| 7 | 3831 | Optical Instruments and Lenses..... | 115 | 361 | 3.12 |
| 8 | 3841 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 9 | 1961 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 10 | 1951 | Small Arms, 30 mm. and Under..... | 86 | 247 | 2.88 |
| 11 | 3541 | Metal-Cutting Machine Tools..... | 587 | 1,639 | 2.79 |
| 12 | 3537 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 13 | 3399 | Primary Metal Products, n.e.c..... | 150 | 408 | 2.71 |
| 14 | 3715 | Truck Trailers..... | 284 | 770 | 2.71 |
| 15 | 3861 | Photographic Equipment..... | 1,061 | 2,831 | 2.67 |
| 16 | 3651 | Radio and TV Receiving Sets..... | 1,482 | 3,875 | 2.62 |
| 17 | 3799 | Transportation Equipment, n.e.c..... | 100 | 260 | 2.60 |
| 18 | 2824 | Noncellulosic Organic Fibers..... | 748 | 1,939 | 2.59 |
| 19 | 3351 | Copper Rolling and Drawing Products..... | 1,034 | 2,655 | 2.57 |
| 20 | 2282 | Thrown and Wound Yarns, Excluding Wool..... | 199 | 504 | 2.54 |
| 21 | 3499 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 22 | 3392 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 23 | 3497 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 24 | 3545 | Machine Tool Accessories..... | 470 | 1,177 | 2.50 |
| 25 | 3479 | Metal Coating, Engraving and Allied Services, n.e.c..... | 184 | 447 | 2.43 |
| 26 | 3542 | Metal-Forming Machine Tools..... | 283 | 680 | 2.41 |
| 27 | 3552 | Textile Machinery..... | 322 | 776 | 2.41 |
| 28 | 1925 | Complete Guided Missiles..... | 1,887 | 4,509 | 2.39 |
| 29 | 2295 | Coated Fabric, Not Rubberized..... | 245 | 582 | 2.37 |
| 30 | 2256 | Knit Fabrics..... | 462 | 1,092 | 2.36 |
| 31 | 3451 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 32 | 3559 | Special Industry Machines, n.e.c..... | 726 | 1,700 | 2.34 |
| 33 | 3953 | Hand Stamps, Stencils and Other Marking Devices..... | 59 | 137 | 2.33 |
| 34 | 3751 | Bicycles, Motorcycles, Motorbikes, Scooters, and Parts..... | 106 | 245 | 2.31 |
| 35 | 3361 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 36 | 3589 | Service Industry Machines, n.e.c..... | 222 | 510 | 2.30 |
| 37 | 3572 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 38 | 2844 | Toilet Preparations..... | 1,126 | 2,545 | 2.26 |
| 39 | 3713 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 40 | 2655 | Fiber Cans, Tubes, Drums, etc..... | 189 | 424 | 2.24 |
| 41 | 3622 | General Industry Power Circuit Devices and Controls..... | 447 | 1,002 | 2.24 |
| 42 | 3717 | Motor Vehicles and Parts..... | 19,863 | 44,579 | 2.24 |
| 43 | 3322 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 44 | 3536 | Hoists, Cranes and Monorails..... | 166 | 360 | 2.18 |
| 45 | 3585 | Refrigeration Machinery..... | 1,435 | 3,130 | 2.18 |
| 46 | 3323 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 47 | 3693 | X-ray Equipment, Including X-ray Tubes and Electrotherapeutic Apparatus..... | 73 | 156 | 2.13 |
| 48 | 2761 | Manifold Business Forms..... | 374 | 794 | 2.12 |
| 49 | 2385 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 50 | 2522 | Metal Office Furniture..... | 273 | 572 | 2.09 |
| 51 | 3562 | Ball and Roller Bearings..... | 637 | 1,331 | 2.09 |
| 52 | 2327 | Men's, Youths' and Boys' Separate Trousers, Excluding Work... | 436 | 906 | 2.08 |
| 53 | 3362 | Copper and Copper-Base Alloy Castings..... | 223 | 464 | 2.08 |
| 54 | 3229 | Pressed and Blown Glass, n.e.c..... | 448 | 928 | 2.07 |
| 55 | 2731 | Books, Publishing and Printing..... | 1,011 | 2,081 | 2.06 |

*See footnote at end of table.

Table I-6.--ONE-HUNDRED FASTEST GROWING PRODUCT GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*---Con.

NOTE: See introduction for explanation of symbols.

| Rank | Code | Class of product | Shipments (million dollars) | | Ratio 1966/1958 |
|------|------|---|--------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 56 | 3623 | Electric Welding Apparatus..... | 233 | 481 | 2.06 |
| 57 | 2753 | Engraving and Plate Printing..... | 94 | 192 | 2.05 |
| 58 | 3291 | Abrasive Products..... | 400 | 818 | 2.05 |
| 59 | 3566 | Power Transmission Equipment..... | 623 | 1,274 | 2.05 |
| 60 | 3569 | General Industrial Machines, n.e.c..... | 467 | 960 | 2.05 |
| 61 | 3871 | Watches and Clocks..... | 292 | 592 | 2.03 |
| 62 | 3565 | Industrial Patterns, Excluding Shoe..... | 121 | 244 | 2.02 |
| 63 | 3581 | Automatic Vending Machines..... | 131 | 264 | 2.02 |
| 64 | 3911 | Jewelry, Precious Metal..... | 287 | 580 | 2.02 |
| 65 | 2037 | Frozen Fruits, Fruit Juices, Vegetables and Specialties..... | 916 | 1,842 | 2.01 |
| 66 | 2519 | Household Furniture, n.e.c..... | 35 | 71 | 2.01 |
| 67 | 3299 | Other Nonmetallic Mineral Products, n.e.c..... | 54 | 108 | 2.01 |
| 68 | 3369 | Nonferrous castings, n.e.c..... | 233 | 468 | 2.01 |
| 69 | 3555 | Printing Trades Machinery..... | 273 | 550 | 2.01 |
| 70 | 3264 | Porcelain Electrical Supplies..... | 91 | 181 | 1.99 |
| 71 | 3629 | Electric Industrial Goods, n.e.c..... | 213 | 423 | 1.99 |
| 72 | 2752 | Printing, Lithographic..... | 1,366 | 2,702 | 1.98 |
| 73 | 3599 | Carburetors, Pistons, and Other Machine Shop Products..... | 1,118 | 2,217 | 1.98 |
| 74 | 3471 | Electroplating, Plating and Polishing..... | 350 | 688 | 1.97 |
| 75 | 3661 | Telephone Telegraph Apparatus..... | 1,079 | 2,125 | 1.97 |
| 76 | 2061 | Sugar Cane Mill Products and Byproducts..... | 159 | 310 | 1.96 |
| 77 | 2732 | Book Printing..... | 423 | 828 | 1.96 |
| 78 | 3634 | Electric Housewares and Fans..... | 544 | 1,068 | 1.96 |
| 79 | 3941 | Games and Toys, Excluding Dolls and Children's Vehicles..... | 522 | 1,023 | 1.96 |
| 80 | 2394 | Canvas Products..... | 114 | 223 | 1.95 |
| 81 | 2521 | Wood Office Furniture..... | 71 | 138 | 1.95 |
| 82 | 2879 | Agricultural Pesticides, and Other Agricultural Chemicals.... | 348 | 673 | 1.94 |
| 83 | 3692 | Primary Batteries, Dry and Wet..... | 136 | 264 | 1.94 |
| 84 | 2818 | Organic Chemicals, n.e.c..... | 2,787 | 5,366 | 1.93 |
| 85 | 3531 | Construction Machinery..... | 1,996 | 3,829 | 1.92 |
| 86 | 3694 | Engine Electrical Equipment..... | 587 | 1,124 | 1.92 |
| 87 | 2815 | Intermediate Coal Tar Products..... | 788 | 1,509 | 1.91 |
| 88 | 3535 | Conveyors..... | 334 | 639 | 1.91 |
| 89 | 3544 | Special Dies and Tools..... | 1,320 | 2,520 | 1.91 |
| 90 | 2432 | Veneer and Plywood..... | 836 | 1,590 | 1.90 |
| 91 | 3532 | Mining Machinery and Equipment..... | 275 | 524 | 1.90 |
| 92 | 3452 | Bolts, Nuts, Washers and Rivets..... | 859 | 1,623 | 1.89 |
| 93 | 3582 | Commercial Laundry Equipment..... | 107 | 202 | 1.89 |
| 94 | 2087 | Flavorings..... | 523 | 981 | 1.88 |
| 95 | 2645 | Die-Cut Paper and Board..... | 265 | 497 | 1.88 |
| 96 | 2813 | Industrial Gases..... | 263 | 494 | 1.88 |
| 97 | 3576 | Scales and Balances..... | 71 | 134 | 1.88 |
| 98 | 3642 | Lighting Fixtures..... | 765 | 1,438 | 1.88 |
| 99 | 3519 | Internal Combustion Engines..... | 1,133 | 2,114 | 1.87 |
| 100 | 3567 | Industrial Furnaces and Ovens..... | 185 | 347 | 1.87 |

*Lumber and furniture product groups are underscored.

Table I-7.--TWO-HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*

NOTE: See introduction for explanation of symbols.

| Rank | Code | Class of product | Shipments (million dollars) | | Ratio 1966/1958 |
|------|-------|---|--------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 38612 | Photocopying, Microfilming, Blueprinting, Vandyke, and White Printing Equipment..... | 58 | 549 | 9.53 |
| 2 | 33992 | Nonferrous Nails, Brads, Tacks and Staples..... | 2 | 19 | 9.26 |
| 3 | 30792 | Foamed Plastic Products..... | 54 | 398 | 7.36 |
| 4 | 35593 | Plastics-Working Machinery and Equipment, Excluding Patterns and Molds..... | 51 | 265 | 5.21 |
| 5 | 24993 | Particle Board..... | 17 | 90 | 5.17 |
| 6 | 3717A | Combat Vehicles and Motor Vehicle and Parts, n.s.k. (Including 37174 and 37170)..... | 65 | 317 | 4.86 |
| 7 | 36795 | Other Electronic Components and Accessories, n.e.c..... | 685 | 3,275 | 4.78 |
| 8 | 24324 | Nonwood Face Plywood and Other Plywood Type Products, Except Particle Wood..... | 27 | 127 | 4.65 |
| 9 | 36622 | Radio and Television Broadcast Equipment and Closed Circuit Systems..... | 76 | 353 | 4.62 |
| 10 | 37323 | All Other Boats..... | 15 | 70 | 4.53 |
| 11 | 36740 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 12 | 36720 | Cathode Ray Picture Tubes, Including Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 13 | 24992 | Pallets and Skids..... | 43 | 188 | 4.35 |
| 14 | 38618 | Prepared Photographic Chemicals..... | 36 | 153 | 4.26 |
| 15 | 35485 | Other Metalworking Machinery..... | 18 | 67 | 3.80 |
| 16 | 37991 | Automobile Trailers, Excluding Housing Type Coaches..... | 23 | 86 | 3.80 |
| 17 | 34913 | All Other Barrels, Including Beer Barrels and Fluid Milk Shipping Containers..... | 15 | *54 | *3.70 |
| 18 | 35412 | Drilling Machines..... | 30 | 111 | 3.68 |
| 19 | 22720 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 20 | 2221V | Finished Man-Made Fiber and Silk Broad-Woven Fabrics (Including 22218 and 22628)..... | 158 | 550 | 3.49 |
| 21 | 22533 | All Other Knit Outerwear Products, n.e.c..... | 69 | 239 | 3.48 |
| 22 | 36621 | Commercial, Industrial, and Military Electronic Communication Equipment..... | 416 | 1,446 | 3.48 |
| 23 | 35422 | Presses, Including Forging Presses..... | 77 | 266 | 3.47 |
| 24 | 36793 | Resistors for Electronic Applications..... | 147 | 493 | 3.36 |
| 25 | 37314 | Ship Repair, U.S. Military..... | 124 | 413 | 3.33 |
| 26 | 28442 | Perfumes, Toilet Water, and Colognes..... | 103 | 341 | 3.29 |
| 27 | 34944 | Other Valves and Fittings, Excluding Plumbers' Brass Goods and Fittings..... | 152 | 494 | 3.26 |
| 28 | 35418 | Other Machine Tools (Including Those Designed for Home, Workshops, Laboratories, etc.)..... | 98 | 320 | 3.26 |
| 29 | 36512 | Household Television Receivers, Including Television Combinations..... | 727 | 2,357 | 3.24 |
| 30 | 33991 | Metal Powders and Paste..... | 55 | 178 | 3.23 |
| 31 | 3742A | Freight Train Cars, New Street Cars, and Parts (Including 37422 and 37423)..... | 516 | 1,649 | 3.20 |
| 32 | 35592 | Foundry Machinery and Equipment, Excluding Patterns and Molds..... | 53 | 168 | 3.19 |
| 33 | 27521 | Magazines and Periodicals..... | 66 | 210 | 3.17 |
| 34 | 35521 | Textile Machinery..... | 144 | 451 | 3.14 |
| 35 | 27523 | Catalogs and Directories..... | 76 | 233 | 3.09 |
| 36 | 35415 | Lathes, Metal Cutting..... | 99 | 303 | 3.07 |
| 37 | 38410 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 38 | 2282A | Thrown and Textured, Crimped or Bulked Filament Yarns, Including Stretch Yarns (Including 22823 and 22824)..... | 121 | 368 | 3.04 |
| 39 | 28184 | Pesticides and Other Organic Agricultural Chemicals (Not Formulations)..... | 96 | 293 | 3.04 |
| 40 | 37413 | Parts for Locomotives and Rebuilt Locomotives..... | 135 | 407 | 3.01 |
| 41 | 19610 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 42 | 27527 | Lithographic Plates Made for Others..... | 68 | 203 | 2.99 |

*See footnote at end of table.

Table I-7.--TWO-HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

NOTE: See introduction for explanation of symbols.

| Rank | Code | Class of product | Shipments (million dollars) | | Ratio 1966/1958 |
|------|-------|--|--------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 43 | 33511 | Copper and Copper-Base Alloy Wire (Bare and Tinned) for Purposes Other Than Electrical Transmission..... | 48 | 143 | 2.98 |
| 44 | 35419 | Parts for Metal Cutting Type Machine Tools Sold Separately and Rebuilt Machine Tools..... | 89 | 260 | 2.93 |
| 45 | 23963 | Other Trimmings and Findings..... | 56 | 163 | 2.92 |
| 46 | 33572 | Copper and Copper-Base Alloy Wire (Including Strand and Cable) Bare and Tinned, for Electrical Transmission..... | 156 | 454 | 2.90 |
| 47 | 27321 | Book and Pamphlet Printing and Book Binding (Lithographic Process)..... | 168 | 484 | 2.89 |
| 48 | 19510 | Small Arms, 30 mm. and Under..... | 86 | 247 | 2.88 |
| 49 | 28423 | Specialty Cleaning and Sanitation Products..... | 181 | 520 | 2.86 |
| 50 | 36941 | Ignition Harness and Cable Sets..... | 29 | 82 | 2.83 |
| 51 | 23962 | Automobile and Furniture Trimmings..... | 161 | 450 | 2.80 |
| 52 | 39314 | Other Musical Instruments and Parts..... | 48 | 134 | 2.79 |
| 53 | 35370 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 54 | 27311 | Textbooks..... | 282 | 779 | 2.77 |
| 55 | 35612 | Hydraulic Fluid Power Pumps and Motors, and Vacuum Pumps..... | 77 | 212 | 2.76 |
| 56 | 22311 | Finished Wool Yarn, Tops, or Raw Stock Not Spun or Combed at Same Establishment..... | 27 | 75 | 2.75 |
| 57 | 24323 | Softwood Plywood, Exterior Type..... | 127 | 347 | 2.74 |
| 58 | 35414 | Grinding and Polishing Machines (Excluding Gear Tooth Grinding, Honing, Lapping, Polishing and Buffing Machines) | 89 | 245 | 2.74 |
| 59 | 37321 | Inboard Motor Boats..... | 76 | 208 | 2.74 |
| 60 | 36231 | Arc Welding Machines, Components, and Accessories, Excluding Electrodes..... | 66 | 179 | 2.72 |
| 61 | 3452A | Special Industrial Fasteners and Headed Products (Produced by Cold and Hot Heading Other Than Industrial Fasteners) (Including 34522 and 34523)..... | 179 | 486 | 2.71 |
| 62 | 37150 | Truck Trailers..... | 284 | 770 | 2.71 |
| 63 | 22952 | Resin-Coated Fabrics..... | 121 | 325 | 2.69 |
| 64 | 35361 | Hoists..... | 59 | 159 | 2.68 |
| 65 | 35623 | Mounted Bearings..... | 35 | 94 | 2.67 |
| 66 | 35893 | Commercial and Industrial Vacuum Cleaners, Including Parts and Attachments..... | 13 | 34 | 2.67 |
| 67 | 36624 | Electronic Navigational Aids (Excluding Missile Borne and Space Vehicle Borne Equipment)..... | 426 | 1,135 | 2.67 |
| 68 | 28134 | Elemental Gases and Compressed and Liquified Gases, n.e.c.... | 130 | 345 | 2.65 |
| 69 | 35413 | Gear Cutting and Finishing Machines..... | 23 | 60 | 2.64 |
| 70 | 20373 | Frozen Prepared Foods and Soups..... | 319 | 838 | 2.63 |
| 71 | 32292 | Lighting and Electronic Glassware..... | 143 | 375 | 2.62 |
| 72 | 35451 | Small Cutting Tools for Machine Tools and Metalworking Machinery..... | 301 | 788 | 2.62 |
| 73 | 36792 | Capacitors for Electronic Applications..... | 184 | 478 | 2.60 |
| 74 | 32911 | Nonmetallic Artificial Sized Grains, Powders and Flour Abrasives..... | 39 | 101 | 2.59 |
| 75 | 33574 | Communication Wire and Cable..... | 365 | 948 | 2.59 |
| 76 | 33524 | Rolled Aluminum Rod, Bar, and Structural Shapes..... | 111 | 282 | 2.56 |
| 77 | 33512 | Rolled, Drawn, and Extruded Copper and Copper-Base Alloy Mill Products..... | 987 | 2,513 | 2.55 |
| 78 | 34990 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 79 | 26414 | Pressure Sensitive Tape..... | 183 | 465 | 2.53 |
| 80 | 33920 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 81 | 34970 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 82 | 35851 | Heat Transfer Equipment..... | 716 | 1,808 | 2.53 |
| 83 | 38611 | Still Picture Equipment..... | 179 | 454 | 2.53 |
| 84 | 32293 | Glass Fiber..... | 60 | 150 | 2.52 |
| 85 | 36794 | Coils, Transformers, Reactors, and Chokes for Electronic Applications..... | 192 | 484 | 2.52 |

*See footnote at end of table.

Table I-7.--TWO-HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

NOTE: See introduction for explanation of symbols.

| Rank | Code | Class of product | Shipments (million dollars) | | Ratio 1966/1958 |
|------|-------|---|--------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 86 | 36293 | Other Electrical Equipment for Industrial Use..... | 77 | 193 | 2.51 |
| 87 | 33577 | Magnet Wire..... | 183 | 458 | 2.50 |
| 88 | 26552 | Fiber Cans, Tubes and Other Fiber Products..... | 134 | 333 | 2.49 |
| 89 | 25111 | Radio, Phonograph, and Television Wood Cabinets..... | 114 | 283 | 2.48 |
| 90 | 25224 | Other Metal Office Furniture, Including Tables, Stands, etc. | 34 | 85 | 2.48 |
| 91 | 34613 | Job Stampings, Automotive..... | 551 | 1,369 | 2.48 |
| 92 | 36214 | Prime Mover Generator Sets Excluding Steam or Hydraulic Turbine..... | 74 | 182 | 2.47 |
| 93 | 38423 | Personal Industrial Safety Devices..... | 56 | 139 | 2.47 |
| 94 | 26416 | Other Coated and Processed Paper, Except Wrappers..... | 135 | 332 | 2.46 |
| 95 | 35483 | Acetylene Welding and Cutting Apparatus..... | 38 | 94 | 2.46 |
| 96 | 36134 | Fuses and Fuse Equipment, Under 2,300 Volts..... | 31 | 76 | 2.46 |
| 97 | 28518 | Putty, Caulking Compounds and Allied Products..... | 65 | 160 | 2.45 |
| 98 | 20372 | Frozen Vegetables..... | 231 | 565 | 2.44 |
| 99 | 22562 | Circular Knit Fabrics..... | 245 | 598 | 2.44 |
| 100 | 27524 | Financial and Legal..... | 50 | 122 | 2.43 |
| 101 | 34790 | Metal Coating, Engraving and Allied Services, n.e.c..... | 184 | 447 | 2.43 |
| 102 | 38615 | Photographic Sensitized Film and Plates..... | 396 | 960 | 2.43 |
| 103 | 20515 | Pastries and Cookies..... | 40 | 97 | 2.42 |
| 104 | 24262 | Hardwood Dimension Stock, Furniture Parts, and Vehicle Stock | 103 | 248 | 2.41 |
| 105 | 28443 | Hair Preparations (Including Shampoos)..... | 316 | 761 | 2.41 |
| 106 | 36511 | Household and Automobile Radios, and Radio-Phonograph Com- binations..... | 345 | 830 | 2.41 |
| 107 | 37172 | Truck Tractors, Truck Chassis and Trucks (Chassis of Own Manufacture)..... | 1,934 | 4,656 | 2.41 |
| 108 | 26462 | Other Pressed and Molded Pulp Goods..... | 51 | 122 | 2.40 |
| 109 | 27611 | Continuous Business Forms..... | 169 | 407 | 2.40 |
| 110 | 35453 | Other Attachments and Accessories for Machine Tools and Metalworking Machinery..... | 96 | 231 | 2.40 |
| 111 | 35857 | Other Refrigeration and Air Conditioning Equipment..... | 195 | 469 | 2.40 |
| 112 | 1925A | R & D on Guided Missiles and Space Vehicles and All Other Services on Complete Missiles and Space Vehicles (Including 19253 and 19255)..... | 986 | 2,353 | 2.39 |
| 113 | 19251 | Guided Missiles and Space Vehicles, Completed..... | 901 | 2,156 | 2.39 |
| 114 | 25222 | Desks, Metal Office..... | 66 | 158 | 2.38 |
| 115 | 38617 | Sensitized Photographic Paper and Cloth, Other Than Silver Halide Type..... | 82 | 196 | 2.38 |
| 116 | 2299A | Bonded Fiber Fabrics (Non-woven Textiles) and Textile Goods, n.e.c., n.s.k. (Including 22991 and 22990)..... | 70 | 165 | 2.37 |
| 117 | 32316 | Other Glass Products, Made of Purchased Glass..... | 157 | 372 | 2.37 |
| 118 | 2253V | Knit Outerwear Sport Shirts (Including 22532, 23212, 23312 and 23612)..... | 219 | 517 | 2.36 |
| 119 | 32926 | Vinyl Asbestos Floor Tile..... | 67 | 157 | 2.36 |
| 120 | 3331V | Refined Copper (Including 33312 and 33412)..... | 480 | 1,129 | 2.35 |
| 121 | 35622 | Roller Bearings, Complete..... | 269 | 633 | 2.35 |
| 122 | 37177 | Rebuilt Automotive Parts (Excluding Carburetors)..... | 80 | 188 | 2.35 |
| 123 | 34510 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 124 | 20154 | Canned Poultry..... | 26 | 60 | 2.33 |
| 125 | 36113 | Other Electrical Measuring Instruments..... | 140 | 326 | 2.33 |
| 126 | 36425 | Outdoor Lighting Equipment..... | 76 | 178 | 2.33 |
| 127 | 39530 | Hand Stamps, Stencils, and Other Marking Devices..... | 59 | 137 | 2.33 |
| 128 | 35423 | Other Metal-Forming Machines..... | 61 | 141 | 2.32 |
| 129 | 3532A | Other Mining Machinery and Equipment, n.s.k., Including Parts and Attachments For Mining Machinery, (Including 35320, 35323 and 35324)..... | 143 | 330 | 2.31 |
| 130 | 36443 | Other Noncurrent Carrying Wiring Devices and Supplies..... | 59 | 137 | 2.31 |

*See footnote at end of table.

Table I-7.--TWO-HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

NOTE: See introduction for explanation of symbols.

| Rank | Code | Class of product | Shipments (million dollars) | | Ratio 1966/1958 |
|------|-------|---|--------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 131 | 37510 | Bicycles, Motorcycles, Motorbikes, Scooters and Parts..... | 106 | 245 | 2.31 |
| 132 | 28445 | Other Cosmetics and Toilet Preparations..... | 418 | 961 | 2.30 |
| 133 | 33610 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 134 | 37171 | Passenger Cars, Knocked Down or Assembled..... | 9,218 | 21,157 | 2.30 |
| 135 | 35311 | Contractors' Off-Highway Wheel Tractors, Excluding Parts and Attachments..... | 90 | 206 | 2.29 |
| 136 | 35720 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 137 | 20874 | Other Flavoring Agents, Except Chocolate Sirups..... | 163 | 371 | 2.28 |
| 138 | 3357X | Appliance Wire and Cord and Flexible Cord Sets (Including 33576 and 36996)..... | 127 | 288 | 2.27 |
| 139 | 34441 | Sheet Metal Roofing, Siding and Drainage Equipment..... | 186 | 422 | 2.27 |
| 140 | 36343 | Other Small Household Electric Appliances..... | 336 | 764 | 2.27 |
| 141 | 35416 | Milling Machines..... | 89 | 202 | 2.26 |
| 142 | 36912 | Storage Batteries (Other Than Sli Type) Including Parts For Storage Batteries, All Types..... | 79 | 177 | 2.26 |
| 143 | 28411 | Alkaline Detergents and Acid-Type Cleaners..... | 144 | 326 | 2.25 |
| 144 | 35624 | Ball and Roller Bearings Parts and Components..... | 41 | 92 | 2.25 |
| 145 | 36942 | Battery Charging Generators..... | 105 | 236 | 2.25 |
| 146 | 37130 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 147 | 3799A | Other Transportation Equipment, and Transportation Equipment, n.e.c. and n.s.k. (Including 37992 and 37990)..... | 77 | 174 | 2.25 |
| 148 | 20872 | Beverage Bases, Except Sirups and Concentrated Fruit Juices | 59 | 132 | 2.24 |
| 149 | 29115 | Liquified Petroleum Gases Made in Refineries..... | 560 | 1,253 | 2.24 |
| 150 | 35411 | Boring Machines..... | 52 | 115 | 2.24 |
| 151 | 36220 | General Industry Power Circuit Devices and Controls..... | 447 | 1,002 | 2.24 |
| 152 | 36393 | Other Household Appliances and Parts..... | 131 | 294 | 2.24 |
| 153 | 38711 | Clocks..... | 111 | 250 | 2.24 |
| 154 | 26452 | Pasted, Lined, Laminated or Surface Coated Paperboard..... | 57 | 127 | 2.23 |
| 155 | 27315 | General Books (Trade), etc..... | 275 | 611 | 2.23 |
| 156 | 35482 | Power-Driven Hand Tool, Including Parts and Attachments..... | 211 | 470 | 2.23 |
| 157 | 36943 | Cranking Motors..... | 82 | 184 | 2.23 |
| 158 | 22561 | Warp-Knit Fabrics..... | 217 | 482 | 2.22 |
| 159 | 27316 | Other Books and Pamphlets..... | 96 | 213 | 2.22 |
| 160 | 30692 | Rubber Hose and Tubing..... | 181 | 400 | 2.22 |
| 161 | 35642 | Dust Collection, Air Purification Equipment and Air Washers | 70 | 156 | 2.22 |
| 162 | 33220 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 163 | 33996 | Heat Treating of Steel for the Trade..... | 85 | 188 | 2.20 |
| 164 | 35662 | Speed Changers, Industrial High Speed Drives and Gears..... | 234 | 515 | 2.20 |
| 165 | 36422 | Commercial and Institutional Type Electric Fixtures..... | 168 | 370 | 2.20 |
| 166 | 3519A | Diesel and Semidiesel Internal Combustion Engines, (Including 35192 and 35194)..... | 314 | 690 | 2.19 |
| 167 | 35318 | Scrapers, Graders, Rollers and Off-Highway Trucks, Trailers, and Wagons (Excluding Parts) (see 35319)..... | 326 | 712 | 2.19 |
| 168 | 3589A | Commercial Cooking and Food Warming Equipment, Service Industry Machines and Parts (Including 35891 and 35892)..... | 209 | 458 | 2.19 |
| 169 | 33526 | Aluminum Tube..... | 90 | 195 | 2.18 |
| 170 | 35591 | Chemical Manufacturing Industries Machinery and Equipment... | 118 | 258 | 2.18 |
| 171 | 35671 | Electric Industrial Furnaces and Ovens, Metal Processing.... | 36 | 78 | 2.18 |
| 172 | 25113 | Wood Dining Room and Kitchen Furniture (Excluding Cabinets). | 167 | 362 | 2.17 |
| 173 | 33230 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 174 | 33525 | Extruded Aluminum Rod, Bar and Other Extruded Shapes..... | 272 | 591 | 2.17 |
| 175 | 34231 | Mechanics' Hand Service Tools..... | 188 | 409 | 2.17 |
| 176 | 35334 | Other Oil and Gas Field Machinery and Tools..... | 41 | 88 | 2.17 |
| 177 | 37175 | Parts and Accessories for Passenger Cars, Trucks and Busses Shipped to Motor Vehicle Manufacturers..... | 7,327 | 15,894 | 2.17 |
| 178 | 28441 | Shaving Preparations..... | 75 | 162 | 2.16 |
| 179 | 23113 | Men's Tailored Dress and Sport Coats and Jackets..... | 147 | 317 | 2.15 |
| 180 | 28191 | Synthetic Ammonia, Nitric Acid, and Ammonium Compounds..... | 365 | 785 | 2.15 |

*See footnote at end of table.

Table I-7.--TWO-HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

NOTE: See introduction for explanation of symbols.

| Rank | Code | Class of product | Shipments (million dollars) | | Ratio 1966/1958 |
|------|-------|---|--------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 181 | 32912 | Nonmetallic Bonded Abrasive Products, Including Diamond Abrasives..... | 164 | 353 | 2.15 |
| 182 | 39111 | Jewelry, Made of Platinum Metals and Carat Gold..... | 195 | 419 | 2.15 |
| 183 | 28153 | Synthetic Organic Pigments, Lakes, and Toners..... | 80 | 172 | 2.14 |
| 184 | 30793 | Laminated Sheets, Rods and Tubes..... | 163 | 349 | 2.14 |
| 185 | 34291 | Transportation Equipment Hardware..... | 472 | 1,009 | 2.14 |
| 186 | 35595 | Other Special Industrial Machinery and Equipment..... | 415 | 886 | 2.14 |
| 187 | 20922 | Other Soybean Oil Mill Products..... | 487 | 1,036 | 2.13 |
| 188 | 32962 | Mineral Wool for Industrial and Equipment Insulation..... | 142 | 302 | 2.13 |
| 189 | 36930 | X-Ray Equipment, Including X-Ray Tubes and Electrothera- peutic Apparatus..... | 73 | 156 | 2.13 |
| 190 | 28198 | Chemical Catalytic Preparations..... | 56 | 119 | 2.12 |
| 191 | 35552 | Other Printing Trades Machinery, Including Parts and Attachments..... | 156 | 330 | 2.12 |
| 192 | 23850 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 193 | 33560 | Nonferrous Metal Rolling and Drawing, n.e.c., Including Non- ferrous Wire, n.e.c., Made in Rolling Mills, n.e.c. (see 33575)..... | 428 | 903 | 2.11 |
| 194 | 3357V | Aluminum and Aluminum-Base Alloy Wire (Including ACSR) (Including 33521 and 33571)..... | 101 | 212 | 2.11 |
| 195 | 35551 | Printing Presses..... | 94 | 199 | 2.11 |
| 196 | 36233 | Resistance Welders, Components, Accessories and Electrodes.. | 48 | 101 | 2.11 |
| 197 | 36945 | Other Complete Electrical Equipment for Internal Combustion Engines..... | 134 | 282 | 2.11 |
| 198 | 24321 | Hardwood Plywood..... | 183 | 383 | 2.10 |
| 199 | 25126 | Furniture Frames for Household Furniture..... | 36 | 77 | 2.10 |
| 200 | 25221 | Chairs, Stools, Couches, etc., Including Upholstered..... | 59 | 123 | 2.10 |

*Lumber and furniture product classes are underscored.

Section II.—Profiles of Lumber and Furniture Manufacturing

Table II-1a.—GENERAL STATISTICS AND SELECTED RATIOS BY STATE, LUMBER AND WOOD PRODUCTS, 1958 AND 1963-65

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1958..... | 23,773 | 50,066 | 21,110 | 38,939 | 42,009 | 77,894 | 2,106 | 1,990 | 3,690 | 1.85 | 1.08 | 1,845 |
| 1963..... | 19,919 | 54,953 | 17,822 | 35,055 | 46,244 | 100,907 | 2,759 | 2,595 | 5,662 | 2.18 | 1.32 | 1,967 |
| 1964..... | 19,458 | 55,855 | 17,399 | 34,861 | 46,436 | 105,130 | 2,871 | 2,669 | 6,042 | 2.26 | 1.33 | 2,004 |
| 1965..... | 21,408 | 61,645 | 19,965 | 39,301 | 52,925 | 122,703 | 2,880 | 2,651 | 6,146 | 2.32 | 1.35 | 1,968 |
| Alaska: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 940 | 6,492 | 848 | 1,467 | 5,760 | 9,827 | 6,906 | 6,792 | 11,588 | 1.71 | 3.93 | 1,730 |
| 1964..... | 1,166 | 9,005 | 1,045 | 2,042 | 8,119 | 7,506 | 7,723 | 7,769 | 7,183 | 0.92 | 3.98 | 1,954 |
| 1965..... | 1,151 | 7,328 | 1,044 | 1,955 | 6,287 | 13,685 | 6,367 | 6,022 | 13,108 | 2.18 | 3.22 | 1,873 |
| Arizona: | | | | | | | | | | | | |
| 1958..... | 2,831 | 11,877 | 2,528 | 4,992 | 10,014 | 15,378 | 4,195 | 3,961 | 6,083 | 1.54 | 2.01 | 1,975 |
| 1963..... | 3,022 | 14,869 | 2,633 | 5,329 | 12,509 | 24,997 | 4,920 | 4,751 | 9,494 | 2.00 | 2.35 | 2,024 |
| 1964..... | 3,065 | 15,778 | 2,655 | 5,544 | 13,151 | 25,407 | 5,148 | 4,953 | 9,569 | 1.93 | 2.37 | 2,088 |
| 1965..... | 2,491 | 14,047 | 2,110 | 4,295 | 11,371 | 20,039 | 5,639 | 5,389 | 9,497 | 1.76 | 2.65 | 2,036 |
| Arkansas: | | | | | | | | | | | | |
| 1958..... | 21,260 | 51,830 | 19,246 | 37,832 | 44,342 | 78,603 | 2,438 | 2,304 | 4,084 | 1.77 | 1.17 | 1,966 |
| 1963..... | 21,198 | 66,589 | 19,455 | 41,159 | 57,635 | 119,830 | 3,141 | 2,962 | 6,159 | 2.08 | 1.40 | 2,116 |
| 1964..... | 20,837 | 72,615 | 18,643 | 45,588 | 63,146 | 137,075 | 3,536 | 3,387 | 7,353 | 2.17 | 1.39 | 2,444 |
| 1965..... | 22,045 | 75,440 | 20,758 | 44,058 | 65,481 | 140,293 | 3,422 | 3,154 | 6,759 | 2.14 | 1.49 | 2,122 |
| California: | | | | | | | | | | | | |
| 1958..... | 51,569 | 246,371 | 44,876 | 89,178 | 207,663 | 400,992 | 4,778 | 4,627 | 8,936 | 1.93 | 2.33 | 1,987 |
| 1963..... | 51,906 | 295,545 | 45,570 | 89,762 | 247,655 | 510,358 | 5,694 | 5,435 | 11,199 | 2.06 | 2.76 | 1,970 |
| 1964..... | 50,250 | 300,809 | 43,422 | 87,792 | 248,448 | 554,339 | 5,986 | 5,722 | 12,766 | 2.23 | 2.83 | 2,022 |
| 1965..... | 47,495 | 284,134 | 40,791 | 80,039 | 234,145 | 517,597 | 5,982 | 5,740 | 12,689 | 2.21 | 2.93 | 1,962 |
| Colorado: | | | | | | | | | | | | |
| 1958..... | 2,642 | 9,036 | 2,294 | 4,306 | 7,554 | 12,801 | 3,420 | 3,293 | 5,580 | 1.69 | 1.75 | 1,877 |
| 1963..... | 2,386 | 9,494 | 2,116 | 4,548 | 8,006 | 14,612 | 3,979 | 3,784 | 6,905 | 1.83 | 1.76 | 2,149 |
| 1964..... | 2,088 | 8,584 | 1,842 | 3,823 | 7,290 | 11,858 | 4,111 | 3,958 | 6,438 | 1.63 | 1.91 | 2,075 |
| 1965..... | 2,238 | 8,983 | 1,993 | 4,140 | 7,544 | 10,741 | 4,014 | 3,785 | 5,389 | 1.42 | 1.82 | 2,077 |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 1,536 | 6,467 | 1,254 | 2,450 | 4,807 | 9,426 | 4,210 | 3,833 | 7,517 | 1.96 | 1.96 | 1,954 |
| 1963..... | 1,735 | 7,952 | 1,422 | 2,780 | 5,923 | 14,773 | 4,583 | 4,165 | 10,389 | 2.49 | 2.13 | 1,955 |
| 1964..... | 1,705 | 8,034 | 1,391 | 2,773 | 6,031 | 15,428 | 4,712 | 4,336 | 11,091 | 2.56 | 2.17 | 1,994 |
| 1965..... | 1,364 | 7,258 | 1,063 | 2,036 | 4,928 | 13,483 | 5,321 | 4,636 | 12,684 | 2.74 | 2.42 | 1,915 |
| Delaware: | | | | | | | | | | | | |
| 1958..... | 940 | 2,327 | 794 | 1,381 | 1,736 | 3,348 | 2,476 | 2,186 | 4,217 | 1.93 | 1.26 | 1,739 |
| 1963..... | 868 | 2,663 | 705 | 1,286 | 1,972 | 5,444 | 3,068 | 2,797 | 7,722 | 2.76 | 1.53 | 1,824 |
| 1964..... | 874 | 2,776 | 719 | 1,326 | 2,214 | 5,245 | 3,176 | 3,079 | 7,295 | 2.37 | 1.67 | 1,844 |
| 1965..... | 833 | 2,479 | 741 | 1,290 | 1,980 | 4,401 | 2,976 | 2,686 | 5,939 | 2.21 | 1.54 | 1,741 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, LUMBER AND WOOD PRODUCTS, 1958 AND 1963-65.--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Dist. of Col.: | | | | | | | | | | | | |
| 1958..... | 106 | 547 | 69 | 138 | 336 | 781 | 5,160 | 4,870 | 11,319 | 2.32 | 2.43 | 2,000 |
| 1963..... | 172 | 1,069 | 110 | 206 | 619 | 1,180 | 6,215 | 5,627 | 10,727 | 1.91 | 3.00 | 1,873 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida: | | | | | | | | | | | | |
| 1958..... | 13,530 | 35,671 | 11,841 | 22,156 | 29,219 | 56,286 | 2,636 | 2,468 | 4,753 | 1.93 | 1.32 | 1,871 |
| 1963..... | 11,968 | 40,132 | 10,560 | 20,716 | 32,624 | 68,472 | 3,353 | 3,089 | 6,484 | 2.10 | 1.57 | 1,962 |
| 1964..... | 10,981 | 37,757 | 9,785 | 19,646 | 29,537 | 60,623 | 3,438 | 3,019 | 6,196 | 2.05 | 1.50 | 2,008 |
| 1965..... | 11,331 | 40,170 | 10,267 | 20,369 | 32,859 | 63,217 | 3,545 | 3,200 | 6,157 | 1.92 | 1.61 | 1,984 |
| Georgia: | | | | | | | | | | | | |
| 1958..... | 26,486 | 57,031 | 23,076 | 42,287 | 47,194 | 94,906 | 2,153 | 2,045 | 4,113 | 2.01 | 1.12 | 1,833 |
| 1963..... | 22,741 | 62,236 | 20,432 | 39,019 | 52,620 | 111,001 | 2,737 | 2,575 | 5,433 | 2.11 | 1.35 | 1,910 |
| 1964..... | 22,644 | 65,227 | 19,715 | 37,508 | 54,134 | 110,205 | 2,881 | 2,746 | 5,590 | 2.04 | 1.44 | 1,903 |
| 1965..... | 25,567 | 71,570 | 22,266 | 41,606 | 61,563 | 129,023 | 2,799 | 2,765 | 5,795 | 2.10 | 1.48 | 1,869 |
| Hawaii: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 472 | 2,221 | 378 | 770 | 1,708 | 3,657 | 4,706 | 4,519 | 9,675 | 2.14 | 2.22 | 2,037 |
| 1964..... | 473 | 2,175 | 378 | 749 | 1,612 | 3,947 | 4,598 | 4,265 | 10,442 | 2.45 | 2.15 | 1,981 |
| 1965..... | 446 | 2,259 | 360 | 748 | 1,693 | 3,751 | 5,065 | 4,703 | 10,419 | 2.22 | 2.26 | 2,078 |
| Idaho: | | | | | | | | | | | | |
| 1958..... | 10,337 | 47,462 | 9,339 | 17,824 | 41,387 | 66,990 | 4,591 | 4,432 | 7,173 | 1.62 | 2.32 | 1,909 |
| 1963..... | 10,288 | 53,632 | 9,407 | 18,677 | 47,803 | 88,581 | 5,213 | 5,082 | 9,416 | 1.85 | 2.56 | 1,985 |
| 1964..... | 10,667 | 59,643 | 9,775 | 19,472 | 53,087 | 96,123 | 5,591 | 5,431 | 9,834 | 1.81 | 2.73 | 1,992 |
| 1965..... | 9,900 | 55,719 | 9,085 | 17,585 | 49,693 | 101,698 | 5,628 | 5,470 | 11,194 | 2.05 | 2.83 | 1,936 |
| Illinois: | | | | | | | | | | | | |
| 1958..... | 11,836 | 49,584 | 9,453 | 17,912 | 34,353 | 77,460 | 4,189 | 3,634 | 8,194 | 2.25 | 1.92 | 1,895 |
| 1963..... | 11,088 | 54,118 | 8,959 | 17,464 | 37,837 | 88,819 | 4,881 | 4,223 | 9,914 | 2.35 | 2.17 | 1,949 |
| 1964..... | 11,197 | 54,915 | 9,110 | 18,023 | 38,518 | 92,288 | 4,904 | 4,228 | 10,130 | 2.40 | 2.14 | 1,978 |
| 1965..... | 11,577 | 60,050 | 9,427 | 18,326 | 43,068 | 90,995 | 5,187 | 4,569 | 9,653 | 2.11 | 2.35 | 1,944 |
| Indiana: | | | | | | | | | | | | |
| 1958..... | 9,438 | 36,884 | 7,699 | 15,238 | 25,501 | 69,271 | 3,908 | 3,312 | 8,997 | 2.72 | 1.67 | 1,979 |
| 1963..... | 10,225 | 45,600 | 8,647 | 17,891 | 33,491 | 85,503 | 4,460 | 3,873 | 9,888 | 2.55 | 1.87 | 2,069 |
| 1964..... | 10,520 | 50,062 | 8,764 | 18,011 | 36,033 | 106,862 | 4,759 | 4,111 | 12,193 | 2.97 | 2.00 | 2,055 |
| 1965..... | 10,648 | 54,076 | 8,728 | 18,414 | 37,441 | 105,610 | 5,079 | 4,290 | 12,100 | 2.82 | 2.03 | 2,110 |
| Iowa: | | | | | | | | | | | | |
| 1958..... | 4,712 | 19,204 | 3,881 | 7,748 | 14,308 | 30,195 | 4,076 | 3,687 | 7,780 | 2.11 | 1.85 | 1,996 |
| 1963..... | 3,287 | 14,717 | 2,736 | 5,222 | 11,150 | 26,308 | 4,477 | 4,075 | 9,615 | 2.36 | 2.14 | 1,909 |
| 1964..... | 3,485 | 16,695 | 2,893 | 5,731 | 12,625 | 29,562 | 4,791 | 4,364 | 10,218 | 2.34 | 2.20 | 1,981 |
| 1965..... | 3,452 | 16,001 | 2,929 | 5,683 | 12,254 | 30,141 | 4,635 | 4,184 | 10,291 | 2.46 | 2.16 | 1,940 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, LUMBER AND WOOD PRODUCTS, 1958 AND 1963-65--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | |
| Kansas: | | | | | | | | | | | |
| 1958..... | 745 | 3,058 | 612 | 1,158 | 2,325 | 4,662 | 4,105 | 3,799 | 7,618 | 2.01 | 1,892 |
| 1963..... | 864 | 3,531 | 732 | 1,461 | 2,702 | 5,225 | 4,087 | 3,691 | 7,138 | 1.93 | 1,996 |
| 1964..... | 1,012 | 4,669 | 851 | 1,786 | 3,385 | 7,250 | 4,614 | 3,978 | 8,519 | 2.14 | 2,099 |
| 1965..... | 816 | 4,449 | 669 | 1,318 | 3,481 | 5,576 | 5,452 | 5,203 | 8,335 | 2.60 | 1,970 |
| Kentucky: | | | | | | | | | | | |
| 1958..... | 8,921 | 24,212 | 7,566 | 13,895 | 18,925 | 39,173 | 2,714 | 2,501 | 5,178 | 2.07 | 1,837 |
| 1963..... | 8,354 | 26,329 | 7,339 | 13,882 | 21,205 | 44,279 | 3,152 | 2,889 | 6,033 | 2.09 | 1,892 |
| 1964..... | 8,790 | 28,293 | 7,615 | 14,930 | 23,142 | 52,705 | 3,219 | 3,039 | 6,921 | 2.28 | 1,961 |
| 1965..... | 8,903 | 31,162 | 7,701 | 15,264 | 24,584 | 63,875 | 3,500 | 3,192 | 8,294 | 1.60 | 1,982 |
| Louisiana: | | | | | | | | | | | |
| 1958..... | 17,089 | 44,423 | 15,043 | 29,722 | 36,339 | 67,839 | 2,600 | 2,416 | 4,510 | 1.87 | 1,976 |
| 1963..... | 14,682 | 46,229 | 13,227 | 26,896 | 39,442 | 74,721 | 3,149 | 2,982 | 5,649 | 1.89 | 2,033 |
| 1964..... | 14,467 | 48,643 | 13,018 | 27,898 | 41,530 | 84,482 | 3,362 | 3,190 | 6,490 | 2.03 | 2,143 |
| 1965..... | 15,741 | 52,828 | 14,364 | 29,892 | 45,420 | 84,323 | 3,356 | 3,162 | 5,870 | 1.86 | 2,081 |
| Maine: | | | | | | | | | | | |
| 1958..... | 12,997 | 38,688 | 11,504 | 23,172 | 32,732 | 59,684 | 2,977 | 2,845 | 5,188 | 1.82 | 2,014 |
| 1963..... | 11,854 | 42,609 | 10,825 | 22,366 | 37,727 | 60,316 | 3,594 | 3,485 | 5,572 | 1.60 | 2,066 |
| 1964..... | 12,834 | 48,032 | 11,827 | 24,329 | 42,049 | 76,481 | 3,743 | 3,555 | 6,467 | 1.82 | 2,057 |
| 1965..... | 11,886 | 43,524 | 10,871 | 22,342 | 38,150 | 65,787 | 3,662 | 3,509 | 6,052 | 1.72 | 2,055 |
| Maryland: | | | | | | | | | | | |
| 1958..... | 5,135 | 15,734 | 4,329 | 8,276 | 11,841 | 23,630 | 3,064 | 2,735 | 5,459 | 2.00 | 1,912 |
| 1963..... | 4,865 | 17,516 | 3,940 | 7,871 | 13,171 | 28,661 | 3,755 | 3,343 | 7,274 | 2.18 | 1,998 |
| 1964..... | 4,492 | 17,553 | 3,763 | 7,725 | 13,162 | 26,614 | 3,908 | 3,498 | 7,073 | 2.02 | 2,053 |
| 1965..... | 4,920 | 20,641 | 4,199 | 8,436 | 15,803 | 33,055 | 4,195 | 3,764 | 7,872 | 2.09 | 2,009 |
| Massachusetts: | | | | | | | | | | | |
| 1958..... | 5,900 | 23,570 | 4,839 | 9,501 | 17,418 | 36,084 | 3,995 | 3,600 | 7,457 | 2.07 | 1,963 |
| 1963..... | 5,702 | 26,146 | 4,659 | 9,210 | 18,937 | 42,852 | 4,585 | 4,065 | 9,198 | 2.26 | 1,977 |
| 1964..... | 5,844 | 28,432 | 4,725 | 9,364 | 20,390 | 49,799 | 4,865 | 4,315 | 10,539 | 2.44 | 1,980 |
| 1965..... | 5,522 | 28,132 | 4,688 | 9,240 | 20,571 | 43,926 | 5,095 | 4,388 | 9,370 | 2.14 | 1,971 |
| Michigan: | | | | | | | | | | | |
| 1958..... | 11,447 | 40,197 | 9,466 | 17,504 | 30,324 | 62,318 | 3,512 | 3,203 | 6,583 | 2.06 | 1,849 |
| 1963..... | 12,252 | 49,757 | 10,471 | 20,253 | 38,492 | 89,192 | 4,061 | 3,676 | 8,518 | 2.32 | 1,934 |
| 1964..... | 13,215 | 52,935 | 10,960 | 20,852 | 39,906 | 96,146 | 4,006 | 3,641 | 8,772 | 2.41 | 1,903 |
| 1965..... | 12,892 | 58,728 | 10,971 | 21,620 | 43,750 | 115,428 | 4,555 | 3,988 | 10,521 | 2.64 | 1,971 |
| Minnesota: | | | | | | | | | | | |
| 1958..... | 7,185 | 28,173 | 5,933 | 10,837 | 20,838 | 54,336 | 3,921 | 3,512 | 9,158 | 2.61 | 1,827 |
| 1963..... | 7,001 | 29,344 | 5,812 | 10,664 | 21,990 | 55,237 | 4,191 | 3,784 | 9,504 | 2.51 | 1,835 |
| 1964..... | 6,816 | 29,625 | 5,588 | 10,507 | 21,715 | 57,249 | 4,346 | 3,886 | 10,245 | 2.64 | 1,880 |
| 1965..... | 6,739 | 32,240 | 5,720 | 10,411 | 23,569 | 65,152 | 4,784 | 4,120 | 11,390 | 2.76 | 1,820 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, LUMBER AND WOOD PRODUCTS, 1958 AND 1963-65--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Mississippi: | 19,635 | 44,723 | 17,452 | 32,494 | 37,012 | 65,261 | 2,278 | 2,121 | 3,739 | 1.76 | 1.14 | 1,862 |
| | 20,914 | 72,724 | 18,592 | 37,633 | 60,864 | 130,696 | 3,477 | 3,274 | 7,030 | 2.15 | 1.62 | 2,024 |
| | 20,684 | 74,350 | 18,336 | 37,442 | 61,114 | 137,179 | 3,595 | 3,333 | 7,481 | 2.24 | 1.63 | 2,042 |
| | 23,946 | 83,519 | 21,335 | 41,731 | 68,669 | 159,302 | 3,488 | 3,219 | 7,467 | 2.32 | 1.65 | 1,956 |
| Missouri: | 6,932 | 20,846 | 5,796 | 10,828 | 15,751 | 32,771 | 3,007 | 2,718 | 5,654 | 2.08 | 1.45 | 1,868 |
| | 6,904 | 23,531 | 6,039 | 11,696 | 18,547 | 41,177 | 3,408 | 3,071 | 6,819 | 2.22 | 1.59 | 1,937 |
| | 6,401 | 22,988 | 5,621 | 10,728 | 17,616 | 42,216 | 3,591 | 3,134 | 7,510 | 2.40 | 1.64 | 1,909 |
| | 7,600 | 28,553 | 6,629 | 13,034 | 21,509 | 48,584 | 3,757 | 3,245 | 7,329 | 2.26 | 1.65 | 1,966 |
| Montana: | 6,669 | 29,213 | 5,868 | 10,999 | 24,363 | 47,549 | 4,380 | 4,152 | 8,103 | 1.95 | 2.22 | 1,874 |
| | 8,297 | 42,126 | 7,423 | 14,861 | 36,287 | 70,670 | 5,077 | 4,888 | 9,520 | 1.95 | 2.44 | 2,002 |
| | 8,616 | 46,293 | 7,726 | 15,803 | 39,796 | 78,633 | 5,373 | 5,151 | 10,178 | 1.98 | 2.52 | 2,045 |
| | 8,841 | 47,647 | 7,900 | 15,706 | 40,768 | 75,376 | 5,389 | 5,161 | 9,541 | 1.85 | 2.60 | 1,988 |
| Nebraska: | 810 | 3,197 | 667 | 1,394 | 2,295 | 4,319 | 3,947 | 3,441 | 6,475 | 1.88 | 1.65 | 2,090 |
| | 902 | 4,526 | 753 | 1,683 | 3,251 | 7,065 | 5,018 | 4,317 | 9,382 | 2.17 | 1.93 | 2,235 |
| | 893 | 4,366 | 783 | 1,636 | 3,266 | 6,658 | 4,889 | 4,171 | 8,503 | 2.04 | 2.00 | 2,089 |
| | 916 | 5,242 | 744 | 1,605 | 3,417 | 7,707 | 5,723 | 4,593 | 10,359 | 2.26 | 2.13 | 2,157 |
| Nevada: | 504 | 2,310 | 452 | 829 | 1,984 | 3,526 | 4,583 | 4,389 | 7,801 | 1.78 | 2.39 | 1,834 |
| | 359 | 1,967 | 325 | 611 | 1,649 | 4,655 | 5,479 | 5,074 | 14,323 | 2.82 | 2.70 | 1,880 |
| | 337 | 2,195 | 296 | 646 | 1,877 | 3,189 | 6,513 | 6,341 | 10,774 | 1.70 | 2.91 | 2,182 |
| | 310 | 1,757 | 296 | 633 | 1,641 | 2,374 | 5,668 | 5,544 | 8,020 | 1.45 | 2.59 | 2,139 |
| New Hampshire: | 5,289 | 17,580 | 4,518 | 8,818 | 13,828 | 24,680 | 3,324 | 3,061 | 5,463 | 1.78 | 1.57 | 1,952 |
| | 4,526 | 16,877 | 3,997 | 8,305 | 13,823 | 26,752 | 3,729 | 3,458 | 6,693 | 1.94 | 1.66 | 2,078 |
| | 4,665 | 18,284 | 4,119 | 8,741 | 14,794 | 26,766 | 3,919 | 3,592 | 6,498 | 1.81 | 1.69 | 2,122 |
| | 4,210 | 18,315 | 3,717 | 8,204 | 14,222 | 29,133 | 4,350 | 3,826 | 7,838 | 2.05 | 1.73 | 2,207 |
| New Jersey: | 4,990 | 19,477 | 4,087 | 7,694 | 14,216 | 41,037 | 3,903 | 3,478 | 10,041 | 2.89 | 1.85 | 1,883 |
| | 4,962 | 22,838 | 4,143 | 8,222 | 17,167 | 38,078 | 4,603 | 4,144 | 9,191 | 2.22 | 2.09 | 1,985 |
| | 4,719 | 24,271 | 3,886 | 7,991 | 18,316 | 40,973 | 5,143 | 4,713 | 10,544 | 2.24 | 2.29 | 2,056 |
| | 4,822 | 25,448 | 3,903 | 7,801 | 17,163 | 44,892 | 5,277 | 4,397 | 11,502 | 2.62 | 2.20 | 1,999 |
| New Mexico: | 1,812 | 6,161 | 1,616 | 2,928 | 5,351 | 11,559 | 3,400 | 3,311 | 7,153 | 2.16 | 1.83 | 1,812 |
| | 2,134 | 8,417 | 1,937 | 3,661 | 7,092 | 13,606 | 3,944 | 3,661 | 7,024 | 1.92 | 1.94 | 1,890 |
| | 2,528 | 9,207 | 2,185 | 4,438 | 7,756 | 14,267 | 3,642 | 3,550 | 6,530 | 1.84 | 1.75 | 2,031 |
| | 2,015 | 7,919 | 1,836 | 3,377 | 6,500 | 11,012 | 3,930 | 3,540 | 5,998 | 1.69 | 1.92 | 1,839 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, LUMBER AND WOOD PRODUCTS, 1958 AND 1963-65--Con.

| State and year | Total employment | | Production worker | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production man-hour (\$) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|-------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| New York: | | | | | | | | | | | | |
| 1958..... | 16,560 | 64,893 | 13,706 | 26,893 | 48,346 | 106,506 | 3,919 | 3,527 | 7,771 | 2.20 | 1.80 | 1,962 |
| 1963..... | 15,274 | 70,294 | 12,875 | 25,387 | 53,558 | 116,902 | 4,602 | 4,160 | 9,080 | 2.18 | 2.11 | 1,972 |
| 1964..... | 14,622 | 73,774 | 11,974 | 25,719 | 56,837 | 124,159 | 5,045 | 4,747 | 10,369 | 2.18 | 2.21 | 2,148 |
| 1965..... | 16,666 | 79,573 | 13,891 | 27,407 | 58,880 | 129,867 | 4,775 | 4,239 | 9,349 | 2.21 | 2.15 | 1,973 |
| North Carolina: | | | | | | | | | | | | |
| 1958..... | 31,253 | 65,654 | 27,209 | 49,739 | 53,763 | 101,720 | 2,101 | 1,976 | 3,738 | 1.89 | 1.08 | 1,828 |
| 1963..... | 27,403 | 76,916 | 24,529 | 47,609 | 64,354 | 129,145 | 2,807 | 2,624 | 5,265 | 2.01 | 1.35 | 1,941 |
| 1964..... | 25,999 | 79,448 | 23,223 | 46,164 | 66,116 | 145,933 | 3,056 | 2,847 | 6,284 | 2.21 | 1.43 | 1,988 |
| 1965..... | 26,984 | 81,324 | 24,156 | 47,409 | 67,261 | 129,024 | 3,014 | 2,784 | 5,341 | 1.92 | 1.42 | 1,963 |
| North Dakota: | | | | | | | | | | | | |
| 1958..... | 50 | 152 | 42 | 74 | 126 | 148 | 3,040 | 3,000 | 3,524 | 1.17 | 1.70 | 1,762 |
| 1963..... | 97 | 354 | 79 | 162 | 274 | 419 | 3,649 | 3,468 | 5,304 | 1.53 | 1.69 | 2,051 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Ohio: | | | | | | | | | | | | |
| 1958..... | 8,911 | 35,240 | 7,127 | 13,273 | 24,742 | 57,719 | 3,955 | 3,472 | 8,099 | 2.33 | 1.86 | 1,862 |
| 1963..... | 8,959 | 38,991 | 7,280 | 14,594 | 28,420 | 68,955 | 4,352 | 3,904 | 9,472 | 2.43 | 1.95 | 2,005 |
| 1964..... | 9,179 | 41,580 | 7,572 | 15,165 | 29,568 | 75,259 | 4,530 | 3,905 | 9,939 | 2.55 | 1.95 | 2,003 |
| 1965..... | 10,352 | 47,726 | 8,538 | 17,496 | 35,058 | 88,219 | 4,610 | 4,106 | 10,333 | 2.52 | 2.00 | 2,049 |
| Oklahoma: | | | | | | | | | | | | |
| 1958..... | 2,096 | 5,927 | 1,761 | 3,553 | 4,695 | 8,588 | 2,828 | 2,666 | 4,877 | 1.83 | 1.32 | 2,018 |
| 1963..... | 2,014 | 6,961 | 1,765 | 3,724 | 5,824 | 12,547 | 3,456 | 3,300 | 7,109 | 2.15 | 1.56 | 2,110 |
| 1964..... | 1,810 | 6,819 | 1,684 | 3,648 | 6,027 | 13,871 | 3,767 | 3,579 | 8,237 | 2.30 | 1.65 | 2,166 |
| 1965..... | 1,971 | 7,589 | 1,785 | 3,880 | 6,363 | 12,096 | 3,850 | 3,565 | 6,776 | 1.90 | 1.64 | 2,174 |
| Oregon: | | | | | | | | | | | | |
| 1958..... | 68,019 | 328,847 | 61,423 | 116,696 | 286,146 | 557,156 | 4,835 | 4,659 | 9,071 | 1.95 | 2.45 | 1,900 |
| 1963..... | 69,975 | 389,581 | 63,133 | 122,043 | 339,590 | 700,535 | 5,567 | 5,379 | 11,096 | 2.06 | 2.78 | 1,933 |
| 1964..... | 70,873 | 427,906 | 63,858 | 128,560 | 373,623 | 737,202 | 6,038 | 5,851 | 11,544 | 1.97 | 2.91 | 2,013 |
| 1965..... | 71,676 | 436,978 | 64,895 | 128,626 | 387,576 | 761,015 | 6,097 | 5,972 | 11,727 | 1.96 | 3.01 | 1,982 |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 12,251 | 39,802 | 10,091 | 18,519 | 29,919 | 65,706 | 3,249 | 2,965 | 6,511 | 2.20 | 1.62 | 1,835 |
| 1963..... | 12,337 | 47,311 | 10,300 | 20,289 | 36,080 | 88,533 | 3,835 | 3,503 | 8,595 | 2.45 | 1.78 | 1,970 |
| 1964..... | 13,022 | 53,246 | 10,751 | 21,892 | 38,800 | 93,947 | 4,089 | 3,609 | 8,738 | 2.42 | 1.77 | 2,036 |
| 1965..... | 13,385 | 61,239 | 10,952 | 22,191 | 42,765 | 113,636 | 4,575 | 3,905 | 10,376 | 2.66 | 1.93 | 2,026 |
| Rhode Island: | | | | | | | | | | | | |
| 1958..... | 350 | 1,297 | 282 | 529 | 889 | 2,315 | 3,706 | 3,152 | 8,209 | 2.60 | 1.68 | 1,876 |
| 1963..... | 486 | 1,890 | 399 | 765 | 1,420 | 3,199 | 3,889 | 3,559 | 8,018 | 2.25 | 1.86 | 1,917 |
| 1964..... | 481 | 2,081 | 394 | 909 | 1,614 | 3,675 | 4,326 | 4,096 | 9,327 | 2.28 | 1.78 | 2,307 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, LUMBER AND WOOD PRODUCTS, 1958 AND 1963-65--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hour per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|---------------------------------------|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| South Carolina: | | | | | | | | | | | | |
| 1958..... | 16,563 | 34,316 | 14,520 | 26,455 | 28,418 | 51,886 | 2,072 | 1,957 | 3,573 | 1.83 | 1.07 | 1,822 |
| 1963..... | 14,761 | 40,401 | 13,348 | 25,920 | 34,964 | 71,038 | 2,737 | 2,619 | 5,322 | 2.03 | 1.35 | 1,942 |
| 1964..... | 14,074 | 39,406 | 12,553 | 24,470 | 33,251 | 69,041 | 2,800 | 2,649 | 5,500 | 2.08 | 1.36 | 1,949 |
| 1965..... | 13,143 | 40,105 | 12,044 | 23,612 | 33,978 | 72,563 | 3,051 | 2,821 | 6,025 | 2.14 | 1.44 | 1,960 |
| South Dakota: | | | | | | | | | | | | |
| 1958..... | 1,040 | 3,498 | 879 | 1,824 | 2,788 | 4,816 | 3,363 | 3,172 | 5,479 | 1.73 | 1.53 | 2,075 |
| 1963..... | 687 | 2,799 | 589 | 1,272 | 2,276 | 4,531 | 4,074 | 3,864 | 7,693 | 1.99 | 1.79 | 2,160 |
| 1964..... | 802 | 3,378 | 732 | 1,529 | 2,716 | 6,499 | 4,212 | 3,710 | 8,878 | 2.39 | 1.78 | 2,089 |
| 1965..... | 561 | 2,824 | 646 | 1,418 | 2,536 | 3,742 | 5,034 | 3,926 | 5,793 | 1.48 | 1.79 | 2,195 |
| Tennessee: | | | | | | | | | | | | |
| 1958..... | 17,514 | 42,388 | 15,418 | 29,104 | 34,415 | 65,347 | 2,420 | 2,232 | 4,238 | 1.90 | 1.18 | 1,888 |
| 1963..... | 16,574 | 49,209 | 14,728 | 29,072 | 40,322 | 85,559 | 2,969 | 2,738 | 5,809 | 2.12 | 1.39 | 1,974 |
| 1964..... | 16,194 | 51,646 | 14,382 | 28,564 | 41,938 | 86,960 | 3,189 | 2,916 | 6,046 | 2.07 | 1.47 | 1,986 |
| 1965..... | 16,825 | 55,105 | 15,211 | 30,113 | 45,374 | 96,380 | 3,275 | 2,983 | 6,336 | 2.12 | 1.51 | 1,980 |
| Texas: | | | | | | | | | | | | |
| 1958..... | 17,159 | 47,385 | 14,954 | 29,599 | 37,843 | 78,571 | 2,762 | 2,531 | 5,254 | 2.08 | 1.28 | 1,979 |
| 1963..... | 17,261 | 59,374 | 15,157 | 31,076 | 47,858 | 108,791 | 3,440 | 3,157 | 7,178 | 2.27 | 1.54 | 2,050 |
| 1964..... | 17,174 | 61,833 | 14,992 | 31,739 | 49,190 | 115,806 | 3,600 | 3,281 | 7,725 | 2.35 | 1.55 | 2,117 |
| 1965..... | 18,125 | 66,559 | 15,899 | 32,728 | 53,465 | 125,085 | 3,672 | 3,363 | 7,867 | 2.34 | 1.63 | 2,058 |
| Utah: | | | | | | | | | | | | |
| 1958..... | 741 | 2,473 | 584 | 1,096 | 1,895 | 3,041 | 3,337 | 3,245 | 5,207 | 1.60 | 1.73 | 1,877 |
| 1963..... | 935 | 3,786 | 827 | 1,626 | 3,143 | 6,052 | 4,049 | 3,800 | 7,318 | 1.93 | 1.93 | 1,966 |
| 1964..... | 911 | 3,738 | 799 | 1,550 | 3,122 | 5,301 | 4,103 | 3,907 | 6,635 | 1.70 | 2.01 | 1,940 |
| 1965..... | 801 | 4,039 | 712 | 1,256 | 3,325 | 8,404 | 5,042 | 4,670 | 11,803 | 2.53 | 2.65 | 1,764 |
| Vermont: | | | | | | | | | | | | |
| 1958..... | 3,826 | 11,168 | 3,240 | 6,272 | 8,945 | 17,786 | 2,919 | 2,761 | 5,490 | 1.99 | 1.43 | 1,936 |
| 1963..... | 3,360 | 11,881 | 3,005 | 6,016 | 10,050 | 19,732 | 3,536 | 3,344 | 5,901 | 1.76 | 1.67 | 2,002 |
| 1964..... | 3,201 | 12,250 | 2,818 | 6,042 | 10,209 | 19,951 | 3,827 | 3,623 | 7,080 | 1.95 | 1.69 | 2,144 |
| 1965..... | 3,820 | 14,848 | 3,408 | 7,085 | 12,113 | 23,929 | 3,887 | 3,554 | 7,021 | 1.98 | 1.71 | 2,079 |
| Virginia: | | | | | | | | | | | | |
| 1958..... | 22,285 | 49,460 | 18,888 | 34,225 | 39,299 | 77,184 | 2,219 | 2,081 | 4,086 | 1.96 | 1.15 | 1,812 |
| 1963..... | 20,914 | 60,469 | 18,507 | 35,677 | 49,134 | 105,051 | 2,891 | 2,655 | 5,676 | 2.14 | 1.38 | 1,928 |
| 1964..... | 19,547 | 61,125 | 17,121 | 33,351 | 49,246 | 113,406 | 3,127 | 2,876 | 6,624 | 2.30 | 1.48 | 1,948 |
| 1965..... | 20,462 | 65,405 | 17,797 | 35,745 | 52,758 | 124,591 | 3,196 | 2,964 | 7,001 | 2.36 | 1.48 | 2,008 |
| Washington: | | | | | | | | | | | | |
| 1958..... | 41,415 | 190,903 | 37,384 | 69,293 | 166,193 | 291,877 | 4,610 | 4,446 | 7,808 | 1.76 | 2.40 | 1,854 |
| 1963..... | 42,440 | 226,425 | 38,632 | 71,997 | 199,524 | 360,706 | 5,335 | 5,165 | 9,337 | 1.81 | 2.77 | 1,864 |
| 1964..... | 42,542 | 250,733 | 38,606 | 75,156 | 220,503 | 388,460 | 5,894 | 5,712 | 10,062 | 1.76 | 2.93 | 1,947 |
| 1965..... | 43,980 | 263,241 | 40,030 | 77,009 | 232,506 | 423,153 | 5,985 | 5,808 | 10,571 | 1.82 | 3.02 | 1,924 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, LUMBER AND WOOD PRODUCTS, 1958 AND 1963-65--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 6,975 | 15,859 | 6,011 | 11,203 | 13,238 | 21,915 | 2,274 | 2,202 | 3,646 | 1.66 | 1.18 | 1,864 |
| 1963..... | 6,041 | 17,579 | 5,397 | 10,363 | 15,061 | 29,873 | 2,910 | 2,791 | 5,535 | 1.98 | 1.45 | 1,920 |
| 1964..... | 5,511 | 17,239 | 4,783 | 9,973 | 14,796 | 28,868 | 3,128 | 3,093 | 6,036 | 1.95 | 1.48 | 2,085 |
| 1965..... | 6,568 | 20,867 | 6,146 | 11,838 | 18,505 | 35,587 | 3,177 | 3,011 | 5,790 | 1.92 | 1.56 | 1,926 |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 16,235 | 56,996 | 13,839 | 27,459 | 43,833 | 85,603 | 3,511 | 3,167 | 6,186 | 1.95 | 1.60 | 1,984 |
| 1963..... | 16,176 | 64,220 | 14,062 | 28,928 | 52,235 | 101,524 | 3,970 | 3,715 | 7,220 | 1.94 | 1.81 | 2,057 |
| 1964..... | 15,996 | 67,835 | 13,926 | 29,170 | 53,883 | 112,870 | 4,241 | 3,869 | 8,105 | 2.09 | 1.85 | 2,095 |
| 1965..... | 16,259 | 72,744 | 14,305 | 30,390 | 58,912 | 118,752 | 4,474 | 4,118 | 8,301 | 2.02 | 1.94 | 2,124 |
| Wyoming: | | | | | | | | | | | | |
| 1958..... | 850 | 3,262 | 768 | 1,486 | 2,890 | 4,612 | 3,838 | 3,763 | 6,005 | 1.60 | 1.94 | 1,935 |
| 1963..... | 947 | 3,932 | 869 | 1,666 | 3,531 | 6,861 | 4,152 | 4,063 | 7,895 | 1.94 | 2.12 | 1,917 |
| 1964..... | 849 | 4,053 | 759 | 1,584 | 3,516 | 8,376 | 4,774 | 4,632 | 11,036 | 2.38 | 2.22 | 2,087 |
| 1965..... | 886 | 3,707 | 814 | 1,512 | 3,318 | 8,020 | 4,184 | 4,076 | 9,853 | 2.42 | 2.19 | 1,857 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, FURNITURE AND FIXTURES, 1958 AND 1963-65

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1958..... | 2,936 | 8,903 | 2,498 | 4,855 | 6,894 | 15,329 | 3,032 | 2,760 | 6,137 | 2.22 | 1.42 | 1,944 |
| 1963..... | 3,634 | 12,859 | 3,134 | 6,269 | 9,933 | 24,315 | 3,539 | 3,169 | 7,758 | 2.45 | 1.58 | 2,000 |
| 1964..... | 3,925 | 14,404 | 3,397 | 6,982 | 11,022 | 25,962 | 3,670 | 3,244 | 7,643 | 2.36 | 1.58 | 2,055 |
| 1965..... | 4,139 | 15,389 | 3,630 | 6,987 | 11,472 | 24,743 | 3,718 | 3,160 | 6,816 | 2.16 | 1.64 | 1,925 |
| Arizona: | | | | | | | | | | | | |
| 1958..... | 696 | 2,756 | 577 | 1,108 | 2,158 | 4,109 | 3,960 | 3,740 | 7,121 | 1.90 | 1.95 | 1,920 |
| 1963..... | 872 | 4,059 | 704 | 1,408 | 3,087 | 6,609 | 4,655 | 4,385 | 9,388 | 2.14 | 2.19 | 2,000 |
| 1964..... | 786 | 3,434 | 629 | 1,256 | 2,530 | 6,037 | 4,369 | 4,022 | 9,598 | 2.39 | 2.01 | 1,997 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arkansas: | | | | | | | | | | | | |
| 1958..... | 6,876 | 20,631 | 5,924 | 11,343 | 15,585 | 31,123 | 3,000 | 2,631 | 5,254 | 2.00 | 1.37 | 1,915 |
| 1963..... | 8,348 | 29,351 | 7,091 | 14,161 | 21,938 | 49,204 | 3,516 | 3,094 | 6,939 | 2.24 | 1.55 | 1,997 |
| 1964..... | 9,391 | 35,091 | 8,219 | 16,921 | 27,293 | 57,063 | 3,737 | 3,321 | 6,943 | 2.09 | 1.61 | 2,059 |
| 1965..... | 9,782 | 37,968 | 8,221 | 16,972 | 28,674 | 63,703 | 3,881 | 3,488 | 7,749 | 2.22 | 1.69 | 2,064 |
| California: | | | | | | | | | | | | |
| 1958..... | 27,489 | 131,396 | 22,264 | 42,761 | 96,978 | 215,143 | 4,780 | 4,356 | 9,663 | 2.22 | 2.27 | 1,921 |
| 1963..... | 32,125 | 183,302 | 25,889 | 50,749 | 135,008 | 318,617 | 5,706 | 5,215 | 12,307 | 2.36 | 2.66 | 1,960 |
| 1964..... | 32,040 | 187,509 | 25,373 | 49,839 | 136,694 | 324,955 | 5,852 | 5,387 | 12,807 | 2.38 | 2.74 | 1,968 |
| 1965..... | 34,449 | 204,273 | 28,241 | 54,563 | 149,108 | 354,343 | 5,930 | 5,280 | 12,547 | 2.38 | 2.73 | 1,932 |
| Colorado: | | | | | | | | | | | | |
| 1958..... | 1,325 | 5,965 | 960 | 1,876 | 3,983 | 10,165 | 4,502 | 4,149 | 10,589 | 2.55 | 2.12 | 1,954 |
| 1963..... | 1,060 | 5,605 | 860 | 1,707 | 4,084 | 9,577 | 5,288 | 4,749 | 11,136 | 2.35 | 2.39 | 1,985 |
| 1964..... | 1,071 | 5,416 | 821 | 1,983 | 3,918 | 8,046 | 5,057 | 4,772 | 9,800 | 2.05 | 1.98 | 2,415 |
| 1965..... | 1,162 | 6,763 | 894 | 1,893 | 4,466 | 8,889 | 5,820 | 4,996 | 9,943 | 1.99 | 2.36 | 2,117 |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 3,402 | 14,628 | 2,719 | 5,179 | 10,093 | 24,966 | 4,300 | 3,712 | 9,182 | 2.47 | 1.95 | 1,905 |
| 1963..... | 4,480 | 22,498 | 3,458 | 6,852 | 15,569 | 39,101 | 5,022 | 4,502 | 11,307 | 2.51 | 2.27 | 1,981 |
| 1964..... | 4,855 | 26,467 | 3,799 | 8,040 | 18,865 | 44,550 | 5,451 | 4,966 | 11,727 | 2.36 | 2.35 | 2,116 |
| 1965..... | 4,638 | 24,294 | 3,702 | 7,374 | 16,403 | 43,560 | 5,238 | 4,431 | 11,767 | 2.66 | 2.22 | 1,992 |
| Delaware: | | | | | | | | | | | | |
| 1958..... | 30 | 112 | 22 | 40 | 83 | 154 | 3,733 | 3,773 | 7,000 | 1.86 | 2.07 | 1,818 |
| 1963..... | 123 | 480 | 113 | 201 | 428 | 846 | 3,902 | 3,788 | 7,487 | 1.98 | 2.13 | 1,779 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Dist. of Col.: | | | | | | | | | | | | |
| 1958..... | 142 | 643 | 83 | 155 | 310 | 965 | 4,528 | 3,735 | 11,627 | 3.11 | 2.00 | 1,867 |
| 1963..... | 148 | 689 | 107 | 225 | 445 | 1,514 | 4,655 | 4,159 | 14,150 | 3.40 | 1.98 | 2,103 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, FURNITURE AND FIXTURES, 1958 AND 1963-65--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Florida: | | | | | | | | | | | | |
| 1958..... | 6,929 | 23,195 | 5,658 | 11,215 | 17,339 | 38,194 | 3,348 | 3,065 | 6,750 | 2.20 | 1.55 | 1,982 |
| 1963..... | 6,716 | 26,684 | 5,504 | 11,307 | 19,800 | 46,475 | 3,973 | 3,597 | 8,444 | 2.35 | 1.75 | 2,054 |
| 1964..... | 6,954 | 29,110 | 5,607 | 12,208 | 21,234 | 51,138 | 4,186 | 3,787 | 9,120 | 2.41 | 1.74 | 2,177 |
| 1965..... | 6,097 | 27,869 | 4,961 | 10,169 | 19,331 | 55,066 | 4,570 | 3,896 | 11,100 | 2.85 | 1.90 | 2,050 |
| Georgia: | | | | | | | | | | | | |
| 1958..... | 6,882 | 22,428 | 5,903 | 11,749 | 16,867 | 38,647 | 3,259 | 2,857 | 6,547 | 2.29 | 1.44 | 1,990 |
| 1963..... | 8,262 | 29,721 | 7,220 | 14,184 | 22,645 | 48,893 | 3,597 | 3,136 | 6,772 | 2.16 | 1.60 | 1,965 |
| 1964..... | 9,255 | 35,521 | 8,117 | 16,590 | 27,344 | 59,612 | 3,838 | 3,369 | 7,344 | 2.18 | 1.65 | 2,044 |
| 1965..... | 9,402 | 37,802 | 8,365 | 17,273 | 29,580 | 73,412 | 4,021 | 3,536 | 8,776 | 2.48 | 1.71 | 2,065 |
| Idaho: | | | | | | | | | | | | |
| 1958..... | 95 | 372 | 82 | 156 | 298 | 650 | 3,916 | 3,634 | 7,927 | 2.18 | 1.91 | 1,902 |
| 1963..... | 103 | 404 | 90 | 168 | 322 | 843 | 3,922 | 3,578 | 9,367 | 2.62 | 1.92 | 1,867 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Illinois: | | | | | | | | | | | | |
| 1958..... | 24,705 | 113,672 | 19,703 | 39,187 | 80,241 | 188,082 | 4,601 | 4,073 | 9,546 | 2.34 | 2.05 | 1,989 |
| 1963..... | 23,500 | 121,642 | 18,517 | 37,109 | 85,692 | 208,986 | 5,176 | 4,628 | 11,286 | 2.44 | 2.31 | 2,004 |
| 1964..... | 22,639 | 122,986 | 17,880 | 36,059 | 84,931 | 220,802 | 5,432 | 4,750 | 12,349 | 2.60 | 2.36 | 2,017 |
| 1965..... | 25,338 | 144,856 | 20,270 | 40,815 | 100,718 | 256,762 | 5,717 | 4,969 | 12,667 | 2.55 | 2.47 | 2,014 |
| Indiana: | | | | | | | | | | | | |
| 1958..... | 18,616 | 74,020 | 15,657 | 31,153 | 54,814 | 125,747 | 3,976 | 3,501 | 8,031 | 2.29 | 1.76 | 1,990 |
| 1963..... | 22,368 | 104,120 | 18,682 | 38,890 | 78,218 | 184,342 | 4,655 | 4,187 | 9,867 | 2.36 | 2.01 | 2,082 |
| 1964..... | 21,853 | 107,244 | 18,024 | 37,757 | 80,306 | 198,512 | 4,908 | 4,456 | 11,014 | 2.47 | 2.13 | 2,095 |
| 1965..... | 24,482 | 123,745 | 20,719 | 43,778 | 95,017 | 227,928 | 5,055 | 4,586 | 11,001 | 2.40 | 2.17 | 2,113 |
| Iowa: | | | | | | | | | | | | |
| 1958..... | 2,695 | 12,122 | 2,030 | 3,906 | 7,415 | 20,132 | 4,498 | 3,653 | 9,917 | 2.72 | 1.90 | 1,924 |
| 1963..... | 2,380 | 12,725 | 1,743 | 3,528 | 7,603 | 25,909 | 5,347 | 4,362 | 14,865 | 3.41 | 2.16 | 2,024 |
| 1964..... | 2,267 | 13,300 | 1,629 | 3,311 | 7,720 | 24,800 | 5,867 | 4,739 | 15,224 | 3.21 | 2.33 | 2,033 |
| 1965..... | 3,020 | 16,245 | 2,145 | 4,329 | 9,709 | 32,906 | 5,379 | 4,526 | 15,341 | 3.39 | 2.24 | 2,018 |
| Kansas: | | | | | | | | | | | | |
| 1958..... | 1,117 | 4,439 | 885 | 1,664 | 3,291 | 8,956 | 3,974 | 3,719 | 10,120 | 2.72 | 1.98 | 1,880 |
| 1963..... | 1,390 | 6,561 | 1,094 | 2,158 | 4,545 | 11,925 | 4,720 | 4,154 | 10,900 | 2.62 | 2.11 | 1,973 |
| 1964..... | 1,311 | 6,751 | 1,029 | 2,248 | 4,775 | 11,843 | 5,150 | 4,640 | 11,509 | 2.48 | 2.12 | 2,185 |
| 1965..... | 1,356 | 6,813 | 1,098 | 2,305 | 5,040 | 12,890 | 5,024 | 4,590 | 11,740 | 2.56 | 2.19 | 2,099 |
| Kentucky: | | | | | | | | | | | | |
| 1958..... | 4,708 | 17,409 | 4,032 | 8,143 | 13,488 | 28,120 | 3,698 | 3,345 | 6,974 | 2.08 | 1.66 | 2,020 |
| 1963..... | 5,362 | 21,549 | 4,613 | 9,257 | 16,713 | 36,916 | 4,019 | 3,623 | 8,003 | 2.21 | 1.81 | 2,007 |
| 1964..... | 5,564 | 24,481 | 4,874 | 9,980 | 19,226 | 42,460 | 4,400 | 3,945 | 8,712 | 2.26 | 1.93 | 2,047 |
| 1965..... | 5,989 | 27,627 | 5,053 | 10,263 | 20,404 | 45,875 | 4,613 | 4,038 | 9,079 | 2.25 | 1.99 | 2,031 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, FURNITURE AND FIXTURES, 1958 AND 1963-65--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Louisiana: | | | | | | | | | | | | |
| 1958..... | 1,399 | 4,462 | 1,165 | 2,190 | 3,170 | 7,482 | 3,189 | 2,721 | 6,422 | 2.36 | 1.45 | 1,880 |
| 1963..... | 1,248 | 4,259 | 1,067 | 2,120 | 3,263 | 7,967 | 3,413 | 3,058 | 7,467 | 2.44 | 1.54 | 1,987 |
| 1964..... | 1,400 | 4,815 | 1,240 | 2,304 | 3,663 | 11,440 | 3,439 | 2,954 | 9,226 | 3.12 | 1.59 | 1,858 |
| 1965..... | 1,227 | 5,585 | 1,171 | 2,193 | 4,424 | 7,816 | 4,552 | 3,778 | 6,675 | 1.77 | 2.02 | 1,873 |
| Maine: | | | | | | | | | | | | |
| 1958..... | 650 | 2,501 | 563 | 1,216 | 1,925 | 4,140 | 3,848 | 3,419 | 7,353 | 2.15 | 1.58 | 2,160 |
| 1963..... | 684 | 2,914 | 558 | 1,257 | 2,058 | 4,700 | 4,260 | 3,688 | 8,423 | 2.28 | 1.64 | 2,253 |
| 1964..... | 657 | 3,079 | 545 | 1,222 | 2,011 | 5,791 | 4,686 | 3,690 | 10,626 | 2.88 | 1.65 | 2,242 |
| 1965..... | 768 | 3,323 | 626 | 1,420 | 2,376 | 7,033 | 4,327 | 3,796 | 11,235 | 2.96 | 1.67 | 2,268 |
| Maryland: | | | | | | | | | | | | |
| 1958..... | 4,860 | 17,400 | 3,600 | 6,865 | 12,718 | 29,825 | 3,580 | 3,533 | 8,285 | 2.35 | 1.85 | 1,907 |
| 1963..... | 4,913 | 21,078 | 4,074 | 8,363 | 15,958 | 32,130 | 4,290 | 3,917 | 7,887 | 2.01 | 1.91 | 2,053 |
| 1964..... | 5,168 | 22,272 | 4,356 | 8,628 | 16,930 | 37,553 | 4,310 | 3,887 | 8,621 | 2.22 | 1.96 | 1,981 |
| 1965..... | 6,142 | 26,681 | 5,229 | 10,840 | 21,181 | 42,900 | 4,344 | 4,051 | 8,204 | 2.03 | 1.95 | 2,073 |
| Massachusetts: | | | | | | | | | | | | |
| 1958..... | 10,804 | 42,839 | 8,831 | 16,956 | 31,067 | 67,864 | 3,965 | 3,518 | 7,685 | 2.18 | 1.83 | 1,920 |
| 1963..... | 11,679 | 52,916 | 9,614 | 18,981 | 38,449 | 89,042 | 4,531 | 3,999 | 9,262 | 2.32 | 2.03 | 1,974 |
| 1964..... | 12,100 | 57,480 | 10,118 | 19,979 | 41,777 | 95,200 | 4,750 | 4,129 | 9,409 | 2.28 | 2.09 | 1,975 |
| 1965..... | 12,279 | 60,033 | 10,078 | 19,659 | 43,352 | 96,881 | 4,889 | 4,302 | 9,613 | 2.23 | 2.21 | 1,951 |
| Michigan: | | | | | | | | | | | | |
| 1958..... | 18,032 | 84,795 | 14,323 | 27,944 | 58,741 | 159,267 | 4,702 | 4,101 | 11,120 | 2.71 | 2.10 | 1,951 |
| 1963..... | 18,425 | 99,622 | 14,663 | 29,735 | 70,564 | 191,398 | 5,407 | 4,812 | 13,053 | 2.71 | 2.37 | 2,028 |
| 1964..... | 19,159 | 110,319 | 15,508 | 32,422 | 77,931 | 205,668 | 5,758 | 5,025 | 13,262 | 2.64 | 2.40 | 2,091 |
| 1965..... | 18,905 | 114,271 | 15,148 | 31,727 | 80,217 | 226,921 | 6,044 | 5,296 | 14,980 | 2.83 | 2.53 | 2,094 |
| Minnesota: | | | | | | | | | | | | |
| 1958..... | 2,524 | 11,679 | 1,951 | 3,719 | 7,737 | 16,688 | 4,627 | 3,966 | 8,554 | 2.16 | 2.08 | 1,906 |
| 1963..... | 2,800 | 14,425 | 2,284 | 4,485 | 10,496 | 22,873 | 5,152 | 4,595 | 10,014 | 2.18 | 2.34 | 1,964 |
| 1964..... | 2,789 | 15,684 | 2,197 | 4,456 | 11,023 | 26,222 | 5,603 | 5,017 | 11,935 | 2.38 | 2.47 | 2,028 |
| 1965..... | 3,531 | 20,198 | 2,849 | 5,885 | 14,464 | 32,814 | 5,720 | 5,077 | 11,518 | 2.27 | 2.46 | 2,066 |
| Mississippi: | | | | | | | | | | | | |
| 1958..... | 4,948 | 15,484 | 4,056 | 8,768 | 11,520 | 28,267 | 3,129 | 2,840 | 6,969 | 2.45 | 1.31 | 2,162 |
| 1963..... | 7,063 | 25,286 | 5,785 | 12,090 | 18,784 | 48,532 | 3,580 | 3,247 | 8,389 | 2.58 | 1.55 | 2,090 |
| 1964..... | 7,531 | 28,395 | 6,209 | 12,999 | 21,158 | 51,660 | 3,770 | 3,408 | 8,320 | 2.44 | 1.63 | 2,093 |
| 1965..... | 9,012 | 34,177 | 7,554 | 15,497 | 25,474 | 64,151 | 3,792 | 3,372 | 8,492 | 2.52 | 1.64 | 2,051 |
| Missouri: | | | | | | | | | | | | |
| 1958..... | 5,756 | 22,367 | 4,715 | 8,883 | 16,717 | 37,900 | 3,886 | 3,545 | 8,038 | 2.27 | 1.88 | 1,884 |
| 1963..... | 5,252 | 25,714 | 4,223 | 8,438 | 18,044 | 43,600 | 4,896 | 4,273 | 10,324 | 2.42 | 2.14 | 1,998 |
| 1964..... | 5,045 | 24,623 | 4,194 | 8,080 | 16,586 | 47,870 | 4,881 | 3,955 | 11,414 | 2.89 | 2.05 | 1,927 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, FURNITURE AND FIXTURES, 1958 AND 1963-65--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Montana: | | | | | | | | | | | | |
| 1958..... | 37 | 172 | 30 | 56 | 135 | 249 | 4,649 | 4,500 | 8,300 | 1.84 | 2.41 | 1,867 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nebraska: | | | | | | | | | | | | |
| 1958..... | 1,033 | 4,855 | 836 | 1,739 | 3,165 | 8,093 | 4,700 | 3,786 | 9,681 | 2.56 | 1.82 | 2,080 |
| 1963..... | 1,256 | 6,779 | 929 | 1,915 | 3,893 | 11,534 | 5,397 | 4,191 | 12,416 | 2.96 | 2.03 | 2,061 |
| 1964..... | 1,240 | 7,015 | 915 | 1,903 | 3,999 | 12,025 | 5,657 | 4,370 | 13,142 | 3.01 | 2.10 | 2,080 |
| 1965..... | 1,286 | 7,306 | 939 | 1,882 | 3,876 | 13,894 | 5,681 | 4,128 | 14,797 | 3.58 | 2.06 | 2,004 |
| New Hampshire: | | | | | | | | | | | | |
| 1958..... | 1,643 | 5,983 | 1,359 | 2,690 | 4,438 | 9,433 | 3,642 | 3,266 | 6,941 | 2.13 | 1.65 | 1,979 |
| 1963..... | 2,227 | 9,874 | 1,773 | 3,497 | 7,104 | 15,737 | 4,434 | 4,007 | 8,876 | 2.22 | 2.03 | 1,972 |
| 1964..... | 2,020 | 9,156 | 1,610 | 3,311 | 6,556 | 14,839 | 4,533 | 4,072 | 9,217 | 2.26 | 1.98 | 2,057 |
| 1965..... | 2,117 | 10,214 | 1,670 | 3,616 | 7,442 | 15,304 | 4,825 | 4,456 | 9,164 | 2.06 | 2.06 | 2,165 |
| New Jersey: | | | | | | | | | | | | |
| 1958..... | 8,726 | 38,188 | 7,008 | 13,420 | 27,173 | 64,652 | 4,376 | 3,877 | 9,225 | 2.38 | 2.02 | 1,915 |
| 1963..... | 8,872 | 44,328 | 7,269 | 14,606 | 31,998 | 79,663 | 4,996 | 4,402 | 10,959 | 2.49 | 2.19 | 2,009 |
| 1964..... | 9,585 | 49,446 | 7,790 | 15,716 | 35,913 | 88,695 | 5,159 | 4,610 | 11,386 | 2.47 | 2.29 | 2,017 |
| 1965..... | 8,861 | 48,118 | 7,315 | 14,791 | 35,203 | 86,479 | 5,430 | 4,812 | 11,822 | 2.46 | 2.38 | 2,022 |
| New Mexico: | | | | | | | | | | | | |
| 1958..... | 138 | 556 | 103 | 190 | 361 | 795 | 4,029 | 3,505 | 7,718 | 2.20 | 1.90 | 1,845 |
| 1963..... | 292 | 1,083 | 238 | 481 | 822 | 1,283 | 3,709 | 3,454 | 5,391 | 1.56 | 1.71 | 2,021 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | 260 | 979 | 233 | 507 | 845 | 1,864 | 3,765 | 3,627 | 8,000 | 2.21 | 1.67 | 2,176 |
| New York: | | | | | | | | | | | | |
| 1958..... | 36,223 | 162,471 | 29,337 | 57,982 | 118,692 | 271,401 | 4,485 | 4,046 | 9,251 | 2.29 | 2.05 | 1,976 |
| 1963..... | 32,834 | 169,810 | 26,981 | 54,432 | 126,356 | 287,523 | 5,172 | 4,683 | 10,656 | 2.28 | 2.32 | 2,017 |
| 1964..... | 31,746 | 169,704 | 25,378 | 51,608 | 124,663 | 278,283 | 5,346 | 4,912 | 10,966 | 2.23 | 2.42 | 2,034 |
| 1965..... | 33,238 | 180,286 | 27,094 | 53,552 | 129,501 | 311,591 | 5,424 | 4,780 | 11,500 | 2.41 | 2.42 | 1,977 |
| North Carolina: | | | | | | | | | | | | |
| 1958..... | 39,615 | 122,958 | 35,574 | 70,696 | 98,437 | 210,457 | 3,104 | 2,767 | 5,916 | 2.14 | 1.39 | 1,987 |
| 1963..... | 47,994 | 178,675 | 43,261 | 89,801 | 146,490 | 337,299 | 3,723 | 3,386 | 7,797 | 2.30 | 1.63 | 2,076 |
| 1964..... | 50,340 | 196,648 | 45,176 | 94,505 | 162,239 | 362,508 | 3,906 | 3,591 | 8,024 | 2.23 | 1.72 | 2,082 |
| 1965..... | 53,394 | 220,059 | 48,150 | 100,962 | 178,217 | 416,149 | 4,121 | 3,701 | 8,643 | 2.34 | 1.77 | 2,097 |
| North Dakota: | | | | | | | | | | | | |
| 1958..... | 11 | 39 | 10 | 19 | 36 | 62 | 3,545 | 3,600 | 6,200 | 1.72 | 1.89 | 1,900 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, FURNITURE AND FIXTURES, 1958 AND 1963-65--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production man-hour (\$) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Ohio: | | | | | | | | | | | | |
| 1958..... | 18,877 | 90,300 | 14,933 | 27,838 | 64,948 | 159,644 | 4,784 | 4,349 | 10,691 | 2.46 | 2.33 | 1,864 |
| 1963..... | 17,501 | 96,331 | 14,155 | 27,669 | 70,561 | 185,497 | 5,504 | 4,985 | 13,105 | 2.63 | 2.55 | 1,953 |
| 1964..... | 17,721 | 100,978 | 14,080 | 27,955 | 72,588 | 196,585 | 5,698 | 5,155 | 13,968 | 2.71 | 2.60 | 1,985 |
| 1965..... | 19,493 | 113,629 | 15,376 | 30,003 | 80,031 | 213,924 | 5,829 | 5,205 | 13,913 | 2.67 | 2.67 | 1,951 |
| Oklahoma: | | | | | | | | | | | | |
| 1958..... | 1,112 | 3,515 | 956 | 1,824 | 2,750 | 6,126 | 3,161 | 2,877 | 6,408 | 2.23 | 1.51 | 1,908 |
| 1963..... | 1,148 | 4,494 | 958 | 1,970 | 3,419 | 8,288 | 3,915 | 3,569 | 8,651 | 2.42 | 1.74 | 2,056 |
| 1964..... | 1,485 | 6,445 | 1,235 | 2,473 | 4,863 | 9,346 | 4,340 | 3,938 | 7,568 | 1.92 | 1.97 | 2,002 |
| 1965..... | 1,267 | 5,733 | 1,045 | 2,380 | 4,656 | 8,706 | 4,525 | 4,456 | 8,411 | 1.86 | 1.96 | 2,277 |
| Oregon: | | | | | | | | | | | | |
| 1958..... | 1,943 | 8,125 | 1,710 | 3,152 | 6,504 | 13,168 | 4,182 | 3,804 | 7,701 | 2.02 | 2.06 | 1,843 |
| 1963..... | 2,429 | 12,796 | 2,123 | 4,146 | 10,171 | 20,769 | 5,268 | 4,791 | 9,783 | 2.04 | 2.45 | 1,953 |
| 1964..... | 2,604 | 14,068 | 2,237 | 4,500 | 10,903 | 21,054 | 5,402 | 4,874 | 9,412 | 1.93 | 2.42 | 2,012 |
| 1965..... | 2,771 | 15,422 | 2,410 | 4,699 | 12,378 | 24,027 | 5,565 | 5,136 | 9,970 | 1.94 | 2.63 | 1,950 |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 22,902 | 92,322 | 19,100 | 38,068 | 70,430 | 151,547 | 4,031 | 3,687 | 7,934 | 2.15 | 1.85 | 1,993 |
| 1963..... | 23,116 | 108,847 | 19,400 | 39,768 | 83,387 | 184,097 | 4,709 | 4,298 | 9,490 | 2.21 | 2.10 | 2,050 |
| 1964..... | 24,755 | 119,906 | 21,152 | 43,569 | 93,087 | 209,088 | 4,844 | 4,401 | 9,885 | 2.25 | 2.14 | 2,060 |
| 1965..... | 24,685 | 124,882 | 21,336 | 43,729 | 97,838 | 216,803 | 5,059 | 4,586 | 10,161 | 2.22 | 2.24 | 2,050 |
| Rhode Island: | | | | | | | | | | | | |
| 1958..... | 606 | 2,592 | 474 | 911 | 1,775 | 4,196 | 4,277 | 3,745 | 8,852 | 2.36 | 1.95 | 1,922 |
| 1963..... | 820 | 3,729 | 641 | 1,281 | 2,547 | 6,783 | 4,548 | 3,973 | 10,582 | 2.66 | 1.99 | 1,998 |
| 1964..... | 850 | 3,715 | 675 | 1,264 | 2,389 | 5,645 | 4,371 | 3,539 | 8,363 | 2.36 | 1.89 | 1,873 |
| 1965..... | 872 | 4,320 | 690 | 1,257 | 2,862 | 7,140 | 4,954 | 4,148 | 10,348 | 2.49 | 2.28 | 1,822 |
| South Carolina: | | | | | | | | | | | | |
| 1958..... | 3,326 | 9,366 | 2,562 | 5,371 | 6,972 | 13,926 | 2,816 | 2,721 | 5,436 | 2.00 | 1.30 | 2,096 |
| 1963..... | 3,342 | 12,281 | 2,929 | 5,966 | 9,015 | 21,192 | 3,675 | 3,078 | 7,235 | 2.35 | 1.51 | 2,044 |
| 1964..... | 3,474 | 13,605 | 3,047 | 6,268 | 9,748 | 22,868 | 3,916 | 3,199 | 7,505 | 2.35 | 1.56 | 2,057 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| South Dakota: | | | | | | | | | | | | |
| 1958..... | 55 | 186 | 47 | 88 | 159 | 231 | 3,382 | 3,383 | 4,915 | 1.45 | 1.81 | 1,872 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee: | | | | | | | | | | | | |
| 1958..... | 12,061 | 37,308 | 10,246 | 20,203 | 27,656 | 60,627 | 3,093 | 2,699 | 5,917 | 2.19 | 1.37 | 1,972 |
| 1963..... | 17,877 | 62,505 | 15,451 | 31,871 | 49,001 | 109,322 | 3,496 | 3,171 | 7,075 | 2.23 | 1.54 | 2,063 |
| 1964..... | 18,351 | 67,460 | 15,586 | 32,247 | 53,380 | 116,260 | 3,676 | 3,425 | 7,459 | 2.18 | 1.66 | 2,069 |
| 1965..... | 20,475 | 77,043 | 17,273 | 34,580 | 59,626 | 135,932 | 3,763 | 3,452 | 7,870 | 2.22 | 1.72 | 2,002 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, FURNITURE AND FIXTURES, 1958 AND 1963-65--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Texas: | | | | | | | | | | | | |
| 1958..... | 10,309 | 36,459 | 8,563 | 17,298 | 26,916 | 67,301 | 3,537 | 3,143 | 7,860 | 2.50 | 1.56 | 2,020 |
| 1963..... | 10,507 | 42,504 | 8,740 | 17,502 | 31,355 | 77,323 | 4,045 | 3,588 | 8,847 | 2.47 | 1.79 | 2,003 |
| 1964..... | 10,994 | 44,981 | 9,126 | 18,589 | 33,414 | 82,491 | 4,091 | 3,661 | 9,039 | 2.47 | 1.80 | 2,037 |
| 1965..... | 10,905 | 48,195 | 9,060 | 18,240 | 34,157 | 87,100 | 4,419 | 3,770 | 9,614 | 2.55 | 1.87 | 2,013 |
| Utah: | | | | | | | | | | | | |
| 1958..... | 606 | 2,470 | 512 | 1,105 | 1,889 | 3,769 | 4,076 | 3,689 | 7,361 | 2.00 | 1.71 | 2,158 |
| 1963..... | 782 | 3,772 | 648 | 1,378 | 2,900 | 5,363 | 4,824 | 4,475 | 8,276 | 1.85 | 2.10 | 2,127 |
| 1964..... | 753 | 3,806 | 665 | 1,343 | 2,921 | 7,361 | 5,054 | 4,392 | 11,069 | 2.52 | 2.17 | 2,020 |
| 1965..... | 866 | 4,412 | 736 | 1,525 | 3,548 | 6,465 | 5,095 | 4,821 | 8,784 | 1.82 | 2.33 | 2,072 |
| Vermont: | | | | | | | | | | | | |
| 1958..... | 1,497 | 5,729 | 1,312 | 3,043 | 4,513 | 8,380 | 3,827 | 3,440 | 6,387 | 1.86 | 1.48 | 2,319 |
| 1963..... | 1,705 | 7,696 | 1,492 | 3,381 | 6,114 | 12,285 | 4,514 | 4,098 | 8,234 | 2.01 | 1.81 | 2,266 |
| 1964..... | 1,747 | 8,546 | 1,560 | 3,604 | 6,868 | 13,461 | 4,892 | 4,403 | 8,629 | 1.96 | 1.91 | 2,310 |
| 1965..... | 1,974 | 9,411 | 1,751 | 3,934 | 7,587 | 15,044 | 4,767 | 4,333 | 8,592 | 1.98 | 1.93 | 2,247 |
| Virginia: | | | | | | | | | | | | |
| 1958..... | 16,355 | 56,132 | 14,113 | 28,260 | 41,335 | 104,669 | 3,432 | 2,929 | 7,416 | 2.53 | 1.46 | 2,002 |
| 1963..... | 20,380 | 84,519 | 17,965 | 39,478 | 66,756 | 173,763 | 4,147 | 3,716 | 9,672 | 2.60 | 1.69 | 2,197 |
| 1964..... | 21,584 | 94,295 | 19,078 | 42,263 | 72,886 | 193,707 | 4,369 | 3,820 | 10,153 | 2.66 | 1.72 | 2,215 |
| 1965..... | 22,698 | 105,348 | 20,048 | 44,903 | 80,489 | 205,551 | 4,641 | 4,015 | 10,253 | 2.55 | 1.79 | 2,240 |
| Washington: | | | | | | | | | | | | |
| 1958..... | 2,906 | 12,675 | 2,426 | 4,369 | 9,789 | 20,913 | 4,362 | 4,035 | 8,620 | 2.14 | 2.24 | 1,801 |
| 1963..... | 2,473 | 12,896 | 2,020 | 3,839 | 9,846 | 21,045 | 5,215 | 4,874 | 10,418 | 2.14 | 2.56 | 1,900 |
| 1964..... | 2,803 | 14,694 | 2,323 | 4,620 | 11,730 | 24,509 | 5,242 | 5,050 | 10,551 | 2.09 | 2.54 | 1,989 |
| 1965..... | 2,610 | 14,843 | 2,240 | 4,294 | 11,678 | 22,794 | 5,687 | 5,213 | 10,176 | 1.95 | 2.72 | 1,917 |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 1,119 | 3,383 | 923 | 1,730 | 2,533 | 5,651 | 3,023 | 2,744 | 6,122 | 2.23 | 1.46 | 1,874 |
| 1963..... | 1,070 | 3,768 | 923 | 1,801 | 2,778 | 6,268 | 3,521 | 3,010 | 6,791 | 2.26 | 1.54 | 1,951 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 8,590 | 37,373 | 6,887 | 13,444 | 26,712 | 57,878 | 1,351 | 3,879 | 8,404 | 2.17 | 1.99 | 1,952 |
| 1963..... | 6,242 | 28,743 | 5,177 | 10,306 | 20,669 | 50,358 | 4,805 | 3,992 | 9,727 | 2.44 | 2.01 | 1,991 |
| 1964..... | 6,455 | 31,211 | 5,351 | 10,911 | 22,555 | 55,514 | 4,835 | 4,215 | 10,375 | 2.46 | 2.07 | 2,039 |
| 1965..... | 7,591 | 38,812 | 6,119 | 12,653 | 27,661 | 68,125 | 5,113 | 4,521 | 11,133 | 2.46 | 2.19 | 2,068 |

Table II-2a.--CAPITAL EXPENDITURES AND SELECTED RATIOS, LUMBER AND WOOD PRODUCTS, BY STATE,
1958 AND 1963-65

| Industry and state | Capital expenditures (millions of dollars) | | | | | Average annual capital expenditures per \$1,000 of value added, 1963-65 (dollars) | Average annual capital expenditures per produc- tion worker, 1963-65 (dollars) | Percent distribu- tion of lumber capital expend- itures, 1963-65 |
|---------------------------|---|-------------------|------------------|-------|-------|---|---|---|
| | 1958 | Total, 1963-65 | 1963 | 1964 | 1965 | | | |
| Lumber and wood products: | | | | | | | | |
| United States, total... | 286.5 | 1,230.5 | 394.7 | 362.0 | 473.8 | 96 | 826 | 100.0 |
| Alabama..... | 8.6 | 34.4 | 10.6 | 8.6 | 15.2 | 105 | 623 | 2.8 |
| Alaska..... | n.a. | 6.1 | 1.4 | .9 | 3.8 | 197 | 2,077 | 0.5 |
| Arizona..... | 1.5 | 5.9 | 2.3 | 1.6 | 2.0 | 84 | 798 | 0.5 |
| Arkansas..... | 7.0 | 45.8 | 11.2 | 13.7 | 20.9 | 115 | 778 | 3.7 |
| California..... | 34.2 | 129.8 | 43.1 | 41.0 | 45.7 | 82 | 1,000 | 10.5 |
| Colorado..... | 2.7 | 3.9 | 1.6 | .9 | 1.4 | 105 | 655 | 0.3 |
| Connecticut..... | 1.0 | 1.7 | .7 | .2 | .8 | 39 | 439 | 0.1 |
| Delaware..... | .4 | 1.1 | .4 | .5 | .2 | 17 | 194 | 0.1 |
| District of Columbia..... | (¹) | n.a. | (¹) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida..... | 5.4 | 17.2 | 7.6 | 3.7 | 5.9 | 89 | 562 | 1.4 |
| Georgia..... | 11.1 | 31.8 | 12.2 | 7.6 | 12.0 | 89 | 510 | 2.6 |
| Hawaii..... | n.a. | .3 | .1 | .1 | .1 | 26 | 269 | 0.0 |
| Idaho..... | 6.0 | 35.8 | 11.7 | 10.8 | 13.3 | 125 | 1,266 | 2.9 |
| Illinois..... | 2.5 | 13.3 | 3.8 | 3.1 | 6.4 | 49 | 484 | 1.1 |
| Indiana..... | 3.3 | 15.4 | 4.9 | 5.5 | 5.0 | 52 | 589 | 1.3 |
| Iowa..... | 1.3 | 3.6 | 1.2 | 1.4 | 1.0 | 42 | 421 | 0.3 |
| Kansas..... | .2 | n.a. | .3 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Kentucky..... | 2.7 | 14.3 | 4.2 | 3.5 | 6.6 | 89 | 631 | 1.2 |
| Louisiana..... | 6.5 | 43.4 | 9.2 | 22.8 | 11.4 | 178 | 1,069 | 3.5 |
| Maine..... | 5.9 | 27.3 | 7.4 | 10.8 | 9.1 | 134 | 814 | 2.2 |
| Maryland..... | 1.5 | 5.8 | 2.0 | 1.3 | 2.5 | 22 | 149 | 0.5 |
| Massachusetts..... | 1.5 | 6.7 | 2.3 | 2.2 | 2.2 | 49 | 476 | 0.5 |
| Michigan..... | 4.3 | 25.0 | 8.3 | 8.2 | 8.5 | 83 | 772 | 2.0 |
| Minnesota..... | 2.4 | 12.8 | 3.8 | 3.4 | 5.6 | 72 | 748 | 1.0 |
| Mississippi..... | 7.6 | 65.9 | 34.1 | 15.9 | 15.9 | 154 | 1,131 | 5.4 |
| Missouri..... | 2.5 | 10.3 | 2.8 | 3.3 | 4.2 | 78 | 563 | 0.8 |
| Montana..... | 6.8 | 30.3 | 9.8 | 11.1 | 9.4 | 135 | 1,315 | 2.5 |
| Nebraska..... | .2 | .9 | .3 | .1 | .5 | 45 | 396 | 0.1 |
| Nevada..... | .1 | .7 | .3 | .3 | .1 | 69 | 763 | 0.1 |
| New Hampshire..... | 2.8 | 7.2 | 2.9 | 1.7 | 2.6 | 87 | 608 | 0.6 |
| New Jersey..... | 1.5 | 5.7 | 1.7 | 1.8 | 2.2 | 46 | 478 | 0.5 |
| New Mexico..... | .8 | 4.1 | 1.7 | 1.6 | .8 | 105 | 688 | 0.3 |
| New York..... | 6.3 | 22.9 | 8.4 | 6.2 | 8.3 | 62 | 591 | 1.9 |
| North Carolina..... | 11.2 | 44.4 | 12.7 | 8.9 | 22.8 | 121 | 668 | 3.6 |
| North Dakota..... | (¹) | n.a. | .1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Ohio..... | 3.3 | 13.6 | 4.8 | 3.9 | 4.9 | 59 | 581 | 1.1 |
| Oklahoma..... | .5 | 1.6 | .7 | .3 | .6 | 42 | 306 | 0.1 |
| Oregon..... | 59.2 | 242.2 | 67.5 | 75.6 | 99.1 | 110 | 1,262 | 19.7 |
| Pennsylvania..... | 5.6 | 29.5 | 7.4 | 8.9 | 13.2 | 100 | 922 | 2.4 |
| Rhode Island..... | .1 | n.a. | .1 | .1 | n.a. | n.a. | n.a. | n.a. |
| South Carolina..... | 5.8 | 26.8 | 8.3 | 5.9 | 12.6 | 126 | 706 | 2.2 |
| South Dakota..... | .4 | 2.0 | .6 | .5 | .9 | 106 | 945 | 0.2 |
| Tennessee..... | 5.2 | 18.0 | 5.8 | 3.2 | 9.0 | 67 | 406 | 1.5 |
| Texas..... | 7.9 | 26.5 | 8.9 | 8.4 | 9.2 | 76 | 575 | 2.2 |
| Utah..... | .7 | 1.6 | .7 | .5 | .4 | 81 | 684 | 0.1 |
| Vermont..... | 1.5 | 4.2 | 1.8 | 1.5 | .9 | 68 | 454 | 0.3 |
| Virginia..... | 7.5 | 34.2 | 11.8 | 6.6 | 15.8 | 90 | 519 | 2.8 |
| Washington..... | 21.7 | 138.3 | 39.8 | 47.3 | 51.2 | 118 | 1,179 | 11.2 |
| West Virginia..... | 2.7 | 23.9 | 4.6 | 8.5 | 10.8 | 139 | 797 | 1.9 |
| Wisconsin..... | 4.5 | 23.2 | 6.0 | 5.6 | 11.6 | 70 | 549 | 1.9 |
| Wyoming..... | .5 | 2.9 | .8 | .8 | 1.3 | 125 | 1,188 | 0.2 |

¹Less than .051.

Table II-2b.--CAPITAL EXPENDITURES AND SELECTED RATIOS, FURNITURE AND FIXTURES, BY STATE,
1958 AND 1963-65

| Industry and state | Capital expenditures (millions of dollars) | | | | | Average annual capital expenditures per \$1,000 of value added, 1963-65 (dollars) | Average annual capital expenditures per produc- tion worker, 1963-65 (dollars) | Percent distribu- tion of furniture capital expend- itures, 1963-65 |
|---------------------------|---|-------------------|------------------|-------|------------------|---|---|--|
| | 1958 | Total, 1963-65 | 1963 | 1964 | 1965 | | | |
| Furniture and fixtures: | | | | | | | | |
| United States, total.. | 82.6 | 373.7 | 110.2 | 108.2 | 155.4 | 38 | 381 | 100.0 |
| Alabama..... | 1.5 | 2.6 | 1.1 | .8 | .7 | 35 | 256 | 0.7 |
| Alaska..... | n.a. | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | .2 | n.a. | .2 | .1 | n.a. | n.a. | n.a. | n.a. |
| Arkansas..... | 1.2 | 8.2 | 1.4 | 3.8 | 3.0 | 48 | 348 | 2.2 |
| California..... | 7.4 | 24.4 | 8.2 | 7.9 | 8.3 | 24 | 307 | 6.5 |
| Colorado..... | .2 | n.a. | .3 | n.a. | .2 | n.a. | n.a. | n.a. |
| Connecticut..... | .6 | 3.8 | .8 | 1.3 | 1.7 | 30 | 347 | 1.0 |
| Delaware..... | (¹) | n.a. | (¹) | n.a. | n.a. | n.a. | n.a. | n.a. |
| District of Columbia..... | (¹) | n.a. | .1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida..... | 2.5 | 6.4 | 1.9 | 2.1 | 2.4 | 42 | 398 | 1.7 |
| Georgia..... | 1.3 | 6.3 | 1.3 | 1.8 | 3.2 | 35 | 266 | 1.7 |
| Hawaii..... | n.a. | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Idaho..... | .1 | n.a. | (¹) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Illinois..... | 6.0 | 24.0 | 10.4 | 4.1 | 9.5 | 35 | 424 | 6.4 |
| Indiana..... | 5.1 | 21.7 | 6.4 | 8.0 | 7.3 | 36 | 378 | 5.8 |
| Iowa..... | .6 | 3.0 | .8 | 1.2 | 1.0 | 36 | 544 | 0.8 |
| Kansas..... | .4 | n.a. | .2 | .4 | (¹) | n.a. | n.a. | n.a. |
| Kentucky..... | 1.1 | 3.9 | 1.0 | .9 | 2.0 | 31 | 268 | 1.0 |
| Louisiana..... | .2 | 1.1 | .2 | .3 | .6 | 40 | 316 | 0.3 |
| Maine..... | .3 | .9 | .3 | .4 | .2 | 51 | 521 | 0.2 |
| Maryland..... | .6 | 3.7 | 2.6 | .6 | .5 | 33 | 271 | 1.0 |
| Massachusetts..... | 1.7 | 6.8 | 2.3 | 1.6 | 2.9 | 24 | 228 | 1.8 |
| Michigan..... | 3.9 | 18.3 | 4.0 | 5.7 | 8.6 | 29 | 404 | 4.5 |
| Minnesota..... | .5 | 2.7 | .7 | 1.0 | 1.0 | 33 | 368 | 0.7 |
| Mississippi..... | 2.0 | 7.6 | 1.0 | 1.3 | 5.3 | 46 | 389 | 2.0 |
| Missouri..... | .9 | n.a. | 1.0 | .9 | n.a. | n.a. | n.a. | n.a. |
| Montana..... | (¹) | n.a. | (D) | n.m. | n.a. | n.a. | n.a. | n.a. |
| Nebraska..... | .1 | 1.1 | .5 | .3 | .3 | n.a. | n.a. | 0.3 |
| Nevada..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire..... | 1.6 | 1.5 | .5 | .6 | .4 | 33 | 297 | 0.4 |
| New Jersey..... | 1.8 | 10.0 | 3.1 | 3.1 | 3.8 | 39 | 447 | 2.7 |
| New Mexico..... | .1 | n.a. | (D) | n.a. | (D) | n.a. | n.a. | n.a. |
| New York..... | 7.4 | n.a. | 7.4 | 4.4 | 11.2 | n.a. | n.a. | n.a. |
| North Carolina..... | 7.5 | 65.8 | 17.9 | 21.1 | 26.8 | 59 | 482 | 17.6 |
| North Dakota..... | n.a. | n.a. | (D) | n.m. | n.a. | n.a. | n.a. | n.a. |
| Ohio..... | 5.0 | 21.5 | 6.4 | 7.9 | 7.2 | 36 | 493 | 5.8 |
| Oklahoma..... | .4 | 1.5 | .4 | .3 | .8 | 57 | 463 | 0.4 |
| Oregon..... | .3 | 1.5 | .6 | .3 | .6 | 23 | 222 | 0.4 |
| Pennsylvania..... | 6.2 | 18.7 | 5.7 | 4.5 | 8.5 | 31 | 302 | 5.0 |
| Rhode Island..... | (D) | .8 | .3 | .3 | .2 | 41 | 399 | 0.2 |
| South Carolina..... | .7 | n.a. | .9 | .8 | n.a. | n.a. | n.a. | n.a. |
| South Dakota..... | (¹) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee..... | 2.5 | 22.3 | 6.6 | 6.0 | 9.7 | 62 | 462 | 6.0 |
| Texas..... | 3.0 | 7.7 | 2.7 | 1.9 | 3.1 | 31 | 286 | 2.1 |
| Utah..... | .5 | .5 | .2 | .1 | .2 | 26 | 244 | 0.1 |
| Vermont..... | (D) | 2.3 | .5 | .5 | 1.3 | 56 | 479 | 0.6 |
| Virginia..... | 3.5 | 28.3 | 7.6 | 8.3 | 12.4 | 49 | 496 | 7.6 |
| Washington..... | .6 | 1.7 | .6 | .4 | .7 | 25 | 258 | 0.5 |
| West Virginia..... | .4 | n.a. | .2 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Wisconsin..... | 1.5 | 5.4 | 1.4 | 1.5 | 2.5 | 31 | 324 | 1.4 |
| Wyoming..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |

¹Less than .051.

Table II-3.--NUMBER OF COMPANIES AND ESTABLISHMENTS, LUMBER AND FURNITURE,
BY FOUR-DIGIT INDUSTRIES, 1963

| SIC code | Title | Number of companies | Number of establishments | |
|-------------|---|---------------------------|--------------------------|-------------------------|
| | | | Total | 20 or more employess |
| | LUMBER AND WOOD PRODUCTS | | | |
| 2411 | Logging Camps and Contractors..... | 13,522 | 13,588 | 557 |
| 2421 | Sawmills and Planing Mills..... | 11,931 | 12,189 | 2,151 |
| 2426 | Hardwood Dimension and Flooring | 601 | 642 | 317 |
| 2429 | Special Products Sawmills, n.e.c..... | 476 | 541 | 107 |
| 2431 | Millwork Plants..... | 3,730 | 3,770 | 748 |
| 2432 | Veneer and Plywood Plants..... | 532 | 641 | 503 |
| 2433 | Prefabricated Wood Products..... | 528 | 559 | 203 |
| 2441 | Nailed Wooden Boxes and Shook..... | 637 | 663 | 183 |
| 2442 | Wirebound Boxes and Crates..... | 100 | 117 | 70 |
| 2443 | Veneer and Plywood Containers..... | 84 | 99 | 44 |
| 2445 | Cooperage..... | 71 | 107 | 23 |
| 2491 | Wood Preserving..... | 250 | 338 | 157 |
| 2499 | Wood Products, n.e.c..... | 2,818 | 2,896 | 702 |
| | FURNITURE AND FIXTURES | | | |
| 2511 | Wood Furniture, Not Upholstered..... | 2,937 | 3,063 | 992 |
| 2512 | Wood Furniture, Upholstered..... | 1,729 | 1,785 | 713 |
| 2514 | Metal Household Furniture..... | 508 | 517 | 244 |
| 2515 | Mattresses and Bedsprings..... | 1,066 | 1,120 | 340 |
| 2519 | Household Furniture, n.e.c..... | 72 | 75 | 30 |
| 2521 | Wood Office Furniture..... | 131 | 138 | 58 |
| 2522 | Metal Office Furniture..... | 153 | 170 | 107 |
| 2531 | Public Building Furniture..... | 424 | 429 | 164 |
| 2540 | Wood and Metal Partitions and Fixtures..... | n.a. | 2,107 | 514 |
| 2591 | Venetian Blinds and Shades..... | 695 | 718 | 60 |
| 2599 | Furniture and Fixtures, n.e.c..... | 354 | 356 | 91 |

TABLE II-4.-GENERAL STATISTICS AND SELECTED RATIOS, LUMBER AND FURNITURE BY FOUR-DIGIT INDUSTRY, 1958-66

LUMBER AND WOOD PRODUCTS

SIC 2411 LOGGING CAMPS & CONTRACTORS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------------------|-------------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | | | |
| 1958 | 71,738 | 227,963 | 62,575 | 108,864 | 195,794 | 390,380 | 68,357 |
| 1959 | 75,828 | 250,461 | 68,995 | 123,988 | 225,267 | 442,047 | 71,354 |
| 1960 | 73,107 | 247,560 | 66,936 | 120,162 | 270,779 | 439,257 | 80,159 |
| 1961 | 71,414 | 247,165 | 64,718 | 119,249 | 218,923 | 448,956 | 59,572 |
| 1962 | 69,259 | 249,359 | 63,354 | 117,602 | 222,743 | 462,959 | 59,100 |
| 1963 | 73,130 | 281,845 | 65,790 | 122,505 | 254,122 | 520,457 | 95,602 |
| 1964 | 70,675 | 297,835 | 63,376 | 120,102 | 265,348 | 556,517 | 110,380 |
| 1965 | 73,670 | 301,272 | 67,731 | 125,431 | 281,830 | 619,722 | 118,252 |
| 1966 | 72,483 | 310,283 | 66,881 | 126,100 | 282,719 | 655,948 | 118,574 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 45.0 | 3,178 | 3,129 | 13,876 | 6,239 | 1.994 | 1.799 | 1,740 |
| 1959 | 45.0 | 3,303 | 3,265 | 14,243 | 6,407 | 1.962 | 1.817 | 1,797 |
| 1960 | 44.9 | 3,386 | 3,298 | 14,620 | 6,562 | 1.990 | 1.837 | 1,795 |
| 1961 | 45.8 | 3,461 | 3,383 | 15,131 | 6,937 | 2.051 | 1.836 | 1,843 |
| 1962 | 46.6 | 3,600 | 3,516 | 15,666 | 7,307 | 2.078 | 1.894 | 1,856 |
| 1963 | 45.1 | 3,854 | 3,863 | 17,551 | 7,911 | 2.048 | 2.074 | 1,862 |
| 1964 | 46.9 | 4,214 | 4,187 | 19,568 | 8,781 | 2.097 | 2.209 | 1,895 |
| 1965 | 47.8 | 4,089 | 4,161 | 19,162 | 9,150 | 2.199 | 2.247 | 1,852 |
| 1966 | 48.2 | 4,281 | 4,227 | 20,361 | 9,808 | 2.320 | 2.242 | 1,885 |

SIC 2421 SAWMILLS & PLANING MILLS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------------------|-------------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | | | |
| 1958 | 245,907 | 770,912 | 215,901 | 407,393 | 656,159 | 1,195,775 | 129,403 |
| 1959 | 252,221 | 855,434 | 231,863 | 442,144 | 737,930 | 1,505,700 | 129,751 |
| 1960 | 240,578 | 831,209 | 220,376 | 432,478 | 714,776 | 1,327,760 | 156,477 |
| 1961 | 214,273 | 762,301 | 188,506 | 380,741 | 652,956 | 1,231,451 | 107,339 |
| 1962 | 209,184 | 775,763 | 184,146 | 378,135 | 667,379 | 1,329,196 | 128,993 |
| 1963 | 207,365 | 811,638 | 186,616 | 364,250 | 701,691 | 1,376,080 | 172,471 |
| 1964 | 199,027 | 902,188 | 177,816 | 354,153 | 730,183 | 1,516,775 | 152,217 |
| 1965 | 201,567 | 876,914 | 181,500 | 358,714 | 736,494 | 1,458,224 | 172,844 |
| 1966 | 194,974 | 871,496 | 175,988 | 346,747 | 742,947 | 1,555,722 | 163,493 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 41.0 | 3,135 | 3,039 | 13,512 | 5,539 | 1.822 | 1.611 | 1,887 |
| 1959 | 44.7 | 3,392 | 3,183 | 14,540 | 5,496 | 2.040 | 1.669 | 1,907 |
| 1960 | 43.5 | 3,455 | 3,243 | 13,851 | 6,075 | 1.858 | 1.653 | 1,962 |
| 1961 | 43.5 | 3,558 | 3,321 | 14,398 | 6,264 | 1.886 | 1.715 | 1,937 |
| 1962 | 45.0 | 3,698 | 3,455 | 15,292 | 6,882 | 1.992 | 1.765 | 1,958 |
| 1963 | 43.6 | 3,914 | 3,760 | 16,914 | 7,374 | 1.961 | 1.926 | 1,952 |
| 1964 | 45.4 | 4,533 | 4,106 | 18,773 | 8,530 | 2.077 | 2.062 | 1,992 |
| 1965 | 43.5 | 4,350 | 4,057 | 18,463 | 8,033 | 1.980 | 2.053 | 1,976 |
| 1966 | 45.9 | 4,470 | 4,222 | 19,267 | 8,840 | 2.094 | 2.143 | 1,970 |

SIC 2426 HARDWOOD DIMENSION & FLOORING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------------------|-------------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | | | |
| 1958 | 25,140 | 75,177 | 22,475 | 45,346 | 60,779 | 110,354 | 7,645 |
| 1959 | 28,592 | 86,655 | 24,822 | 52,380 | 70,745 | 144,804 | 9,069 |
| 1960 | 27,692 | 83,983 | 24,114 | 49,719 | 68,177 | 133,568 | 6,004 |
| 1961 | 25,433 | 77,662 | 21,650 | 43,778 | 61,514 | 124,879 | 4,998 |
| 1962 | 26,203 | 85,208 | 22,526 | 46,874 | 60,717 | 131,116 | 5,316 |
| 1963 | 28,128 | 98,882 | 25,433 | 52,944 | 81,735 | 155,083 | 7,106 |
| 1964 | 29,458 | 109,335 | 26,569 | 56,692 | 90,374 | 176,196 | 7,178 |
| 1965 | 30,408 | 114,554 | 27,743 | 58,983 | 95,195 | 181,169 | 7,487 |
| 1966 | 30,133 | 118,547 | 27,397 | 57,763 | 97,996 | 192,559 | 15,017 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 42.3 | 2,990 | 2,794 | 11,595 | 4,909 | 1.816 | 1.340 | 2,017 |
| 1959 | 44.4 | 3,331 | 2,850 | 13,138 | 5,834 | 2.047 | 1.351 | 2,110 |
| 1960 | 43.4 | 3,033 | 2,827 | 12,752 | 5,539 | 1.959 | 1.371 | 2,062 |
| 1961 | 44.6 | 3,054 | 2,841 | 12,945 | 5,768 | 2.030 | 1.405 | 2,022 |
| 1962 | 43.0 | 3,252 | 3,051 | 13,548 | 5,821 | 1.908 | 1.466 | 2,081 |
| 1963 | 44.9 | 3,515 | 3,214 | 13,574 | 6,098 | 1.847 | 1.544 | 2,082 |
| 1964 | 46.6 | 3,712 | 3,401 | 14,234 | 6,632 | 1.950 | 1.594 | 2,134 |
| 1965 | 45.4 | 3,747 | 3,431 | 14,382 | 6,530 | 1.903 | 1.614 | 2,126 |
| 1966 | 46.5 | 3,934 | 3,577 | 15,121 | 7,028 | 1.965 | 1.697 | 2,108 |

SIC 2429 SPECIAL PRODUCTS SAWMILLS NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 7,176 | 22,097 | 6,465 | 10,678 | 18,804 | 36,123 | 85,381 | 1,682 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 7,164 | 25,223 | 6,591 | 11,122 | 22,403 | 41,355 | 96,032 | 1,968 |
| 1964 | 7,249 | 26,045 | 6,626 | 11,190 | 22,590 | 41,544 | 97,188 | N.A. |
| 1965 | 7,159 | 25,911 | 6,547 | 11,298 | 22,814 | 44,572 | 108,174 | 1,832 |
| 1966 | 6,398 | 25,880 | 5,500 | 9,862 | 22,257 | 40,417 | 109,734 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 40.4 | 3,079 | 2,909 | 13,825 | 5,587 | 1.921 | 1.761 | 1,652 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 43.1 | 3,521 | 3,399 | 14,570 | 6,274 | 1.846 | 2.014 | 1,687 |
| 1964 | 42.7 | 3,593 | 3,407 | 14,668 | 6,270 | 1.839 | 2.019 | 1,689 |
| 1965 | 41.2 | 3,619 | 3,485 | 16,523 | 6,808 | 1.954 | 2.019 | 1,726 |
| 1966 | 36.8 | 4,045 | 4,047 | 19,952 | 7,349 | 1.816 | 2.257 | 1,793 |

SIC 2431 MILLWORK PLANTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 61,962 | 267,997 | 50,309 | 98,542 | 196,922 | 412,548 | 1,049,571 | 16,878 |
| 1959 | 65,125 | 290,215 | 57,015 | 109,821 | 214,256 | 441,933 | 1,161,186 | N.A. |
| 1960 | 60,297 | 269,953 | 52,110 | 99,857 | 196,115 | 395,175 | 1,066,346 | 11,641 |
| 1961 | 58,531 | 266,703 | 50,448 | 99,727 | 194,466 | 400,869 | 1,045,608 | 12,717 |
| 1962 | 58,979 | 276,030 | 50,953 | 100,321 | 200,268 | 424,788 | 1,094,494 | 16,193 |
| 1963 | 65,283 | 320,817 | 53,519 | 106,215 | 240,702 | 524,041 | 1,270,613 | 20,935 |
| 1964 | 66,617 | 334,198 | 54,084 | 112,025 | 247,248 | 556,454 | 1,348,243 | 17,006 |
| 1965 | 65,797 | 345,311 | 53,922 | 107,842 | 253,444 | 558,158 | 1,392,198 | 25,081 |
| 1966 | 62,775 | 342,346 | 51,061 | 103,068 | 243,703 | 544,398 | 1,344,635 | 30,463 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 39.3 | 4,325 | 3,914 | 20,862 | 8,200 | 2.095 | 1.998 | 1,959 |
| 1959 | 38.1 | 4,456 | 3,758 | 20,366 | 7,751 | 2.063 | 1.951 | 1,926 |
| 1960 | 37.1 | 4,477 | 3,763 | 20,463 | 7,583 | 2.015 | 1.964 | 1,916 |
| 1961 | 38.3 | 4,557 | 3,855 | 20,726 | 7,946 | 2.061 | 1.950 | 1,977 |
| 1962 | 38.8 | 4,680 | 3,930 | 21,480 | 8,337 | 2.121 | 1.996 | 1,969 |
| 1963 | 41.2 | 4,914 | 4,498 | 23,741 | 9,792 | 2.177 | 2.266 | 1,985 |
| 1964 | 41.3 | 5,017 | 4,572 | 24,929 | 10,289 | 2.251 | 2.207 | 2,071 |
| 1965 | 40.1 | 5,248 | 4,700 | 25,819 | 10,351 | 2.202 | 2.350 | 2,000 |
| 1966 | 40.5 | 5,454 | 4,890 | 26,334 | 10,662 | 2.180 | 2.423 | 2,019 |

SIC 2432 VENEER & PLYWOOD PLANTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 59,346 | 240,821 | 54,092 | 108,437 | 207,645 | 390,131 | 884,111 | 24,954 |
| 1959 | 67,154 | 292,179 | 60,157 | 126,292 | 251,848 | 490,534 | 1,166,158 | 38,274 |
| 1960 | 65,500 | 276,131 | 58,132 | 117,315 | 235,438 | 408,312 | 1,067,049 | 31,923 |
| 1961 | 63,943 | 280,026 | 56,941 | 116,440 | 238,124 | 438,409 | 1,117,221 | N.A. |
| 1962 | 68,037 | 311,704 | 60,633 | 126,231 | 266,465 | 492,019 | 1,269,205 | 24,255 |
| 1963 | 66,155 | 324,746 | 60,455 | 124,900 | 281,321 | 553,211 | 1,339,630 | 41,887 |
| 1964 | 68,828 | 365,722 | 62,773 | 131,946 | 315,878 | 618,137 | 1,497,412 | 47,336 |
| 1965 | 71,575 | 384,637 | 65,161 | 137,713 | 330,533 | 628,323 | 1,583,304 | 69,042 |
| 1966 | 77,010 | 432,052 | 69,835 | 146,859 | 370,787 | 695,744 | 1,659,869 | 68,634 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 44.1 | 4,058 | 3,839 | 16,345 | 7,212 | 1.879 | 1.915 | 2,005 |
| 1959 | 42.1 | 4,351 | 4,187 | 19,385 | 8,154 | 1.948 | 1.994 | 2,099 |
| 1960 | 38.3 | 4,216 | 4,050 | 18,356 | 7,024 | 1.734 | 2.007 | 2,018 |
| 1961 | 39.2 | 4,379 | 4,182 | 19,621 | 7,699 | 1.841 | 2.045 | 2,045 |
| 1962 | 38.8 | 4,581 | 4,395 | 20,933 | 8,115 | 1.846 | 2.111 | 2,082 |
| 1963 | 41.7 | 4,709 | 4,653 | 22,159 | 9,250 | 1.988 | 2.252 | 2,066 |
| 1964 | 41.3 | 5,314 | 5,032 | 23,854 | 9,847 | 1.957 | 2.394 | 2,102 |
| 1965 | 39.7 | 5,374 | 5,073 | 24,298 | 9,643 | 1.901 | 2.400 | 2,113 |
| 1966 | 40.9 | 5,610 | 5,309 | 24,341 | 9,963 | 1.876 | 2.491 | 2,132 |

SIC 2433 PREFABRICATED WOOD PRODUCTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 13,550 | 61,984 | 9,942 | 19,303 | 38,294 | 122,344 | 322,279 | 4,418 |
| 1959 | 15,085 | 72,585 | 11,017 | 21,505 | 45,224 | 128,704 | 368,877 | 6,496 |
| 1960 | 14,970 | 69,749 | 9,831 | 18,646 | 40,608 | 129,363 | 344,890 | 6,465 |
| 1961 | 14,040 | 72,367 | 9,338 | 19,560 | 41,634 | 126,376 | 338,273 | 6,702 |
| 1962 | 13,078 | 69,100 | 9,324 | 18,872 | 39,780 | 120,798 | 339,280 | 4,072 |
| 1963 | 15,806 | 81,079 | 11,595 | 22,485 | 50,174 | 156,593 | 403,309 | 7,741 |
| 1964 | 16,309 | 83,006 | 11,489 | 23,121 | 50,327 | 163,055 | 432,992 | 6,185 |
| 1965 | 16,846 | 94,531 | 11,913 | 24,124 | 56,362 | 185,120 | 480,888 | 9,826 |
| 1966 | 16,817 | 95,216 | 12,076 | 25,394 | 57,480 | 189,921 | 471,652 | N.A. |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 38.0 | 4,574 | 3,852 | 32,416 | 12,306 | 3.195 | 1.984 | 1,942 |
| 1959 | 34.9 | 4,812 | 4,105 | 33,483 | 11,682 | 2.846 | 2.103 | 1,952 |
| 1960 | 37.5 | 4,659 | 4,131 | 35,082 | 13,159 | 3.186 | 2.178 | 1,897 |
| 1961 | 37.4 | 5,154 | 4,189 | 34,038 | 12,716 | 3.035 | 2.129 | 1,968 |
| 1962 | 35.6 | 5,284 | 4,266 | 36,388 | 12,956 | 3.037 | 2.108 | 2,024 |
| 1963 | 38.8 | 5,130 | 4,327 | 34,783 | 13,505 | 3.121 | 2.231 | 1,939 |
| 1964 | 37.7 | 5,090 | 4,380 | 37,688 | 14,192 | 3.240 | 2.177 | 2,012 |
| 1965 | 38.5 | 5,611 | 4,731 | 40,367 | 15,539 | 3.284 | 2.336 | 2,025 |
| 1966 | 40.3 | 5,662 | 4,760 | 39,057 | 15,727 | 3.304 | 2.264 | 2,103 |

SIC 2441 NAILED WOODEN BOXES & SHOOK

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 19,015 | 62,424 | 16,688 | 32,244 | 50,114 | 92,322 | 211,407 | 3,251 |
| 1959 | 19,457 | 62,249 | 16,907 | 34,356 | 50,532 | 97,138 | 227,217 | 3,668 |
| 1960 | 17,900 | 62,207 | 15,598 | 31,521 | 48,545 | 94,967 | 219,411 | 5,152 |
| 1961 | 16,934 | 59,334 | 14,648 | 30,006 | 46,422 | 93,049 | 210,560 | 4,077 |
| 1962 | 16,852 | 63,348 | 14,697 | 31,346 | 50,158 | 99,977 | 229,412 | 4,811 |
| 1963 | 14,683 | 55,858 | 12,934 | 26,277 | 45,944 | 85,046 | 206,020 | 6,014 |
| 1964 | 14,122 | 57,816 | 12,596 | 25,611 | 46,132 | 83,996 | 205,650 | 3,801 |
| 1965 | 15,186 | 61,025 | 13,606 | 27,017 | 49,528 | 95,602 | 231,760 | N.A. |
| 1966 | 16,372 | 71,288 | 14,530 | 30,354 | 57,505 | 112,748 | 268,155 | 11,166 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 43.7 | 3,283 | 3,003 | 12,668 | 5,532 | 1.842 | 1.554 | 1,932 |
| 1959 | 42.8 | 3,199 | 2,989 | 13,439 | 5,745 | 1.922 | 1.471 | 2,032 |
| 1960 | 43.4 | 3,475 | 3,112 | 14,067 | 6,088 | 1.956 | 1.540 | 2,021 |
| 1961 | 44.2 | 3,504 | 3,169 | 14,375 | 6,352 | 2.004 | 1.547 | 2,048 |
| 1962 | 43.6 | 3,759 | 3,413 | 15,609 | 6,803 | 1.993 | 1.600 | 2,133 |
| 1963 | 41.3 | 3,857 | 3,552 | 15,929 | 6,575 | 1.851 | 1.748 | 2,032 |
| 1964 | 40.8 | 4,094 | 3,662 | 16,327 | 6,668 | 1.821 | 1.801 | 2,033 |
| 1965 | 41.3 | 4,019 | 3,640 | 17,034 | 7,026 | 1.930 | 1.833 | 1,986 |
| 1966 | 42.0 | 4,354 | 3,958 | 18,455 | 7,760 | 1.961 | 1.894 | 2,089 |

SIC 2442 WIREBOUND BOXES & CRATES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 10,006 | 27,946 | 9,095 | 17,465 | 22,471 | 46,094 | 97,991 | 1,226 |
| 1959 | 10,679 | 30,697 | 9,595 | 19,776 | 24,312 | 51,826 | 107,630 | 1,015 |
| 1960 | 10,320 | 30,086 | 9,180 | 18,266 | 23,486 | 52,403 | 109,985 | 1,231 |
| 1961 | 10,908 | 31,969 | 9,649 | 18,910 | 35,186 | 54,550 | 120,532 | 1,354 |
| 1962 | 10,355 | 32,254 | 9,148 | 17,637 | 25,337 | 58,310 | 122,306 | 1,706 |
| 1963 | 9,893 | 32,717 | 9,012 | 17,697 | 26,669 | 55,606 | 114,669 | 1,565 |
| 1964 | 9,920 | 33,952 | 8,888 | 17,277 | 27,101 | 57,596 | 119,088 | 1,873 |
| 1965 | 10,782 | 38,298 | 9,861 | 19,779 | 31,681 | 63,067 | 140,927 | 3,028 |
| 1966 | 11,015 | 41,266 | 10,190 | 20,548 | 34,309 | 77,043 | 174,369 | 4,779 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 47.0 | 2,793 | 2,470 | 10,769 | 5,066 | 2.051 | 1.287 | 1,919 |
| 1959 | 48.2 | 2,875 | 2,534 | 11,217 | 5,401 | 2.132 | 1.229 | 2,061 |
| 1960 | 47.6 | 2,915 | 2,558 | 11,981 | 5,708 | 2.231 | 1.286 | 1,990 |
| 1961 | 45.3 | 2,931 | 3,647 | 12,492 | 5,653 | 1.550 | 1.861 | 1,960 |
| 1962 | 47.7 | 3,115 | 2,770 | 13,370 | 6,374 | 2.301 | 1.437 | 1,928 |
| 1963 | 48.5 | 3,307 | 2,959 | 12,724 | 6,170 | 2.085 | 1.507 | 1,964 |
| 1964 | 48.4 | 3,423 | 3,049 | 13,399 | 6,480 | 2.125 | 1.569 | 1,944 |
| 1965 | 44.8 | 3,552 | 3,213 | 14,291 | 6,396 | 1.991 | 1.602 | 2,006 |
| 1966 | 44.2 | 3,746 | 3,367 | 17,112 | 7,561 | 2.246 | 1.670 | 2,016 |

SIC 2443 VENEER & PLYWOOD CONTAINERS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 5,416 | 12,850 | 5,059 | 9,245 | 11,013 | 18,323 | 30,271 |
| 1959 | 5,205 | 12,966 | 4,877 | 9,385 | 11,047 | 18,101 | 32,023 |
| 1960 | 5,272 | 13,484 | 4,924 | 9,561 | 11,428 | 18,437 | 32,215 |
| 1961 | 4,588 | 12,202 | 4,231 | 8,287 | 10,345 | 17,494 | 31,376 |
| 1962 | 4,122 | 12,194 | 3,799 | 7,538 | 10,182 | 17,071 | 31,347 |
| 1963 | 3,953 | 11,649 | 3,682 | 6,974 | 9,889 | 16,086 | 27,923 |
| 1964 | 3,485 | 10,771 | 3,241 | 6,312 | 9,197 | 14,747 | 27,447 |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 60.5 | 2,373 | 2,177 | 5,984 | 3,622 | 1.664 | 1.191 | 1,827 |
| 1959 | 56.5 | 2,491 | 2,265 | 6,566 | 3,712 | 1.639 | 1.177 | 1,924 |
| 1960 | 57.2 | 2,558 | 2,321 | 6,542 | 3,744 | 1.613 | 1.195 | 1,942 |
| 1961 | 55.8 | 2,660 | 2,445 | 7,416 | 4,135 | 1.691 | 1.248 | 1,959 |
| 1962 | 54.5 | 2,958 | 2,680 | 8,251 | 4,494 | 1.677 | 1.351 | 1,984 |
| 1963 | 57.6 | 2,947 | 2,686 | 7,584 | 4,369 | 1.627 | 1.418 | 1,894 |
| 1964 | 53.7 | 3,091 | 2,838 | 8,469 | 4,550 | 1.603 | 1.457 | 1,948 |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

SIC 2445 COOPERAGE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 3,871 | 14,268 | 3,435 | 6,531 | 12,029 | 19,843 | 70,070 |
| 1959 | 3,738 | 13,983 | 3,240 | 6,525 | 11,895 | 18,274 | 66,275 |
| 1960 | 3,578 | 14,043 | 3,124 | 6,197 | 11,872 | 20,858 | 72,835 |
| 1961 | 3,494 | 13,682 | 3,023 | 5,931 | 11,475 | 20,750 | 70,876 |
| 1962 | 3,216 | 12,708 | 2,761 | 5,299 | 10,481 | 20,748 | 61,595 |
| 1963 | 2,616 | 11,580 | 2,320 | 4,385 | 9,585 | 17,494 | 52,719 |
| 1964 | 2,600 | 12,301 | 2,197 | 4,548 | 10,255 | 17,956 | 57,326 |
| 1965 | 2,646 | 12,898 | 2,360 | 4,683 | 10,912 | 24,130 | 66,481 |
| 1966 | 2,683 | 13,816 | 2,384 | 4,741 | 11,592 | 26,461 | 65,710 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 28.3 | 3,686 | 3,502 | 20,399 | 5,777 | 1.650 | 1.842 | 1,901 |
| 1959 | 27.6 | 3,741 | 3,671 | 20,455 | 5,640 | 1.536 | 1.823 | 2,014 |
| 1960 | 28.6 | 3,925 | 3,800 | 23,315 | 6,677 | 1.757 | 1.916 | 1,984 |
| 1961 | 29.3 | 3,916 | 3,796 | 23,446 | 6,864 | 1.808 | 1.935 | 1,962 |
| 1962 | 33.7 | 3,951 | 3,796 | 22,309 | 7,515 | 1.980 | 1.978 | 1,919 |
| 1963 | 33.2 | 4,427 | 4,131 | 22,724 | 7,541 | 1.825 | 2.186 | 1,890 |
| 1964 | 31.3 | 4,731 | 4,668 | 26,093 | 8,173 | 1.751 | 2.255 | 2,070 |
| 1965 | 36.3 | 4,875 | 4,624 | 28,170 | 10,225 | 2.211 | 2.330 | 1,984 |
| 1966 | 40.3 | 5,149 | 4,862 | 27,563 | 11,099 | 2.283 | 2.445 | 1,989 |

SIC 2491 WOOD PRESERVING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 10,933 | 33,625 | 9,173 | 17,877 | 28,064 | 72,508 | 202,957 |
| 1959 | 10,756 | 38,242 | 9,139 | 18,958 | 29,397 | 83,633 | 218,087 |
| 1960 | 10,781 | 40,034 | 9,032 | 18,791 | 30,327 | 88,337 | 225,133 |
| 1961 | 10,357 | 39,376 | 8,704 | 17,817 | 29,719 | 77,044 | 220,121 |
| 1962 | 10,719 | 42,023 | 9,138 | 18,732 | 31,872 | 84,237 | 229,956 |
| 1963 | 11,178 | 45,257 | 9,468 | 19,373 | 34,741 | 93,265 | 247,294 |
| 1964 | 11,137 | 48,290 | 9,340 | 19,274 | 35,857 | 97,873 | 270,947 |
| 1965 | 11,234 | 48,648 | 9,454 | 19,923 | 37,110 | 101,669 | 279,649 |
| 1966 | 12,056 | 56,809 | 10,280 | 22,006 | 43,813 | 126,330 | 326,001 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 35.7 | 3,076 | 3,059 | 22,125 | 7,905 | 2.584 | 1.570 | 1,949 |
| 1959 | 38.3 | 3,555 | 3,217 | 23,863 | 9,151 | 2.845 | 1.551 | 2,074 |
| 1960 | 39.2 | 3,713 | 3,358 | 24,926 | 9,780 | 2.913 | 1.614 | 2,080 |
| 1961 | 35.0 | 3,802 | 3,414 | 25,290 | 8,852 | 2.592 | 1.668 | 2,047 |
| 1962 | 36.6 | 3,920 | 3,488 | 25,165 | 9,218 | 2.643 | 1.701 | 2,050 |
| 1963 | 37.7 | 4,049 | 3,669 | 26,119 | 9,851 | 2.685 | 1.793 | 2,046 |
| 1964 | 36.1 | 4,336 | 3,839 | 29,009 | 10,479 | 2.730 | 1.860 | 2,064 |
| 1965 | 36.4 | 4,330 | 3,925 | 29,580 | 10,754 | 2.740 | 1.863 | 2,107 |
| 1966 | 38.8 | 4,712 | 4,262 | 31,712 | 12,289 | 2.883 | 1.991 | 2,141 |

SIC 2499 WOOD PRODUCTS, NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 50,494 | 183,120 | 42,970 | 83,836 | 141,682 | 301,310 | 584,308 | N.A. |
| 1959 | 55,243 | 198,328 | 46,978 | 92,893 | 154,299 | 351,363 | 665,502 | N.A. |
| 1960 | 55,872 | 206,349 | 47,875 | 92,101 | 156,031 | 347,136 | 669,132 | 21,867 |
| 1961 | 53,868 | 197,497 | 46,067 | 87,605 | 152,142 | 348,657 | 664,282 | 18,926 |
| 1962 | 54,400 | 214,240 | 46,304 | 90,467 | 162,602 | 375,100 | 718,568 | 45,686 |
| 1963 | 57,981 | 237,442 | 49,994 | 99,538 | 184,311 | 420,283 | 785,367 | 32,940 |
| 1964 | 59,782 | 254,248 | 51,397 | 103,008 | 196,297 | 464,088 | 869,034 | 38,096 |
| 1965 | 61,543 | 270,731 | 53,618 | 106,895 | 207,899 | 498,089 | 937,395 | 47,968 |
| 1966 | 65,259 | 303,055 | 56,426 | 113,951 | 234,350 | 561,580 | 1,069,181 | 48,151 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 51.6 | 3,627 | 3,297 | 13,598 | 7,012 | 2.127 | 1.690 | 1,951 |
| 1959 | 52.8 | 3,590 | 3,284 | 14,166 | 7,479 | 2.277 | 1.661 | 1,977 |
| 1960 | 51.9 | 3,693 | 3,259 | 13,977 | 7,251 | 2.225 | 1.694 | 1,924 |
| 1961 | 52.5 | 3,666 | 3,303 | 14,420 | 7,568 | 2.292 | 1.737 | 1,902 |
| 1962 | 52.2 | 3,938 | 3,512 | 15,518 | 8,101 | 2.307 | 1.797 | 1,954 |
| 1963 | 53.5 | 4,095 | 3,687 | 15,709 | 8,407 | 2.280 | 1.852 | 1,991 |
| 1964 | 53.4 | 4,253 | 3,819 | 16,908 | 9,029 | 2.364 | 1.906 | 2,004 |
| 1965 | 53.1 | 4,399 | 3,877 | 17,483 | 9,290 | 2.396 | 1.945 | 1,994 |
| 1966 | 52.5 | 4,644 | 4,153 | 18,948 | 9,953 | 2.396 | 2.057 | 2,019 |

FURNITURE AND FIXTURES

SIC 2511 WOOD FURNITURE NOT UPHOLSTERED

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 125,619 | 443,289 | 109,256 | 218,081 | 345,186 | 706,330 | 1,382,209 | 26,324 |
| 1959 | 137,403 | 507,836 | 121,366 | 250,983 | 399,866 | 837,013 | 1,604,925 | 30,954 |
| 1960 | 133,026 | 499,197 | 117,368 | 240,323 | 391,031 | 809,748 | 1,551,875 | 25,849 |
| 1961 | 128,257 | 481,633 | 112,924 | 228,678 | 374,742 | 782,086 | 1,496,929 | 21,721 |
| 1962 | 135,792 | 537,917 | 119,854 | 250,918 | 424,339 | 900,398 | 1,698,304 | 28,245 |
| 1963 | 140,982 | 574,614 | 124,699 | 259,292 | 462,689 | 993,200 | 1,857,992 | 40,409 |
| 1964 | 144,907 | 626,565 | 127,394 | 270,446 | 499,038 | 1,025,783 | 2,013,713 | 45,721 |
| 1965 | 152,626 | 679,149 | 135,570 | 284,455 | 540,431 | 1,173,717 | 2,201,080 | 59,100 |
| 1966 | 160,380 | 735,997 | 142,226 | 298,288 | 587,873 | 1,294,607 | 2,423,392 | 78,559 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 51.1 | 3,529 | 3,159 | 12,651 | 6,465 | 2.046 | 1.583 | 1,996 |
| 1959 | 52.2 | 3,696 | 3,295 | 13,224 | 6,897 | 2.093 | 1.593 | 2,068 |
| 1960 | 52.2 | 3,753 | 3,332 | 13,222 | 6,899 | 2.071 | 1.627 | 2,048 |
| 1961 | 52.2 | 3,755 | 3,319 | 13,256 | 6,926 | 2.087 | 1.639 | 2,025 |
| 1962 | 53.0 | 3,961 | 3,540 | 14,170 | 7,512 | 2.122 | 1.691 | 2,094 |
| 1963 | 53.5 | 4,076 | 3,710 | 14,900 | 7,965 | 2.147 | 1.784 | 2,079 |
| 1964 | 50.9 | 4,324 | 3,917 | 15,807 | 8,052 | 2.056 | 1.845 | 2,123 |
| 1965 | 53.3 | 4,450 | 3,986 | 16,236 | 8,658 | 2.172 | 1.900 | 2,098 |
| 1966 | 53.4 | 4,589 | 4,133 | 17,039 | 9,102 | 2.202 | 1.971 | 2,097 |

SIC 2512 WOOD FURNITURE UPHOLSTERED

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 61,100 | 231,436 | 51,519 | 98,972 | 176,332 | 386,968 | 776,670 | 11,024 |
| 1959 | 65,814 | 254,598 | 56,167 | 112,609 | 196,173 | 449,386 | 885,663 | 15,432 |
| 1960 | 66,251 | 254,593 | 56,152 | 110,994 | 194,789 | 443,558 | 874,486 | 10,180 |
| 1961 | 63,347 | 253,427 | 54,582 | 107,151 | 194,246 | 431,977 | 855,188 | 10,354 |
| 1962 | 66,934 | 280,323 | 57,601 | 115,643 | 213,966 | 478,549 | 944,790 | 12,812 |
| 1963 | 67,850 | 291,587 | 57,852 | 113,238 | 225,565 | 506,727 | 983,204 | 13,653 |
| 1964 | 72,486 | 314,053 | 62,077 | 119,320 | 245,068 | 549,969 | 1,068,945 | 14,451 |
| 1965 | 75,022 | 351,037 | 64,484 | 125,573 | 265,929 | 601,187 | 1,173,475 | 22,150 |
| 1966 | 77,443 | 369,498 | 66,692 | 128,423 | 279,142 | 643,157 | 1,250,196 | 24,683 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 49.8 | 3,788 | 3,423 | 15,075 | 7,511 | 2.195 | 1.782 | 1,921 |
| 1959 | 50.7 | 3,868 | 3,493 | 15,768 | 8,001 | 2.291 | 1.742 | 2,005 |
| 1960 | 50.7 | 3,843 | 3,469 | 15,574 | 7,899 | 2.277 | 1.755 | 1,977 |
| 1961 | 50.5 | 4,001 | 3,559 | 15,668 | 7,914 | 2.224 | 1.813 | 1,963 |
| 1962 | 50.7 | 4,188 | 3,715 | 16,402 | 8,308 | 2.237 | 1.850 | 2,008 |
| 1963 | 51.5 | 4,298 | 3,899 | 16,995 | 8,759 | 2.246 | 1.992 | 1,957 |
| 1964 | 51.4 | 4,333 | 3,948 | 17,220 | 8,859 | 2.244 | 2.054 | 1,922 |
| 1965 | 51.2 | 4,679 | 4,124 | 18,198 | 9,323 | 2.261 | 2.118 | 1,947 |
| 1966 | 51.4 | 4,771 | 4,186 | 18,746 | 9,644 | 2.304 | 2.174 | 1,926 |

SIC 2514 METAL HOUSEHOLD FURNITURE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 30,338 | 124,620 | 24,576 | 48,170 | 89,165 | 218,667 | 496,147 | 6,266 |
| 1959 | 32,528 | 137,510 | 27,394 | 54,609 | 99,703 | 238,964 | 548,069 | 6,829 |
| 1960 | 31,687 | 134,308 | 26,499 | 52,721 | 95,495 | 228,792 | 519,123 | 6,710 |
| 1961 | 29,730 | 131,661 | 24,805 | 48,893 | 92,918 | 216,921 | 496,701 | 6,237 |
| 1962 | 28,924 | 127,254 | 24,333 | 47,932 | 89,771 | 222,453 | 498,403 | 9,149 |
| 1963 | 29,346 | 128,819 | 24,322 | 47,908 | 91,987 | 247,003 | 524,305 | 6,840 |
| 1964 | 31,127 | 141,317 | 25,880 | 51,405 | 101,992 | 258,332 | 564,850 | 8,913 |
| 1965 | 31,159 | 143,622 | 25,852 | 51,007 | 102,609 | 285,023 | 583,291 | 9,866 |
| 1966 | 31,288 | 150,789 | 25,733 | 51,555 | 106,290 | 289,425 | 595,285 | 13,757 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 44.1 | 4,108 | 3,628 | 20,188 | 8,898 | 2.452 | 1.851 | 1,960 |
| 1959 | 43.6 | 4,227 | 3,640 | 20,007 | 8,723 | 2.397 | 1.826 | 1,993 |
| 1960 | 44.1 | 4,239 | 3,604 | 19,590 | 8,634 | 2.396 | 1.811 | 1,990 |
| 1961 | 43.7 | 4,429 | 3,746 | 20,024 | 8,745 | 2.335 | 1.900 | 1,971 |
| 1962 | 44.6 | 4,400 | 3,689 | 20,483 | 9,142 | 2.478 | 1.873 | 1,970 |
| 1963 | 47.1 | 4,390 | 3,782 | 21,557 | 10,156 | 2.685 | 1.920 | 1,970 |
| 1964 | 45.7 | 4,540 | 3,941 | 21,826 | 9,982 | 2.533 | 1.984 | 1,986 |
| 1965 | 48.9 | 4,609 | 3,969 | 22,563 | 11,025 | 2.778 | 2.012 | 1,973 |
| 1966 | 48.6 | 4,819 | 4,130 | 23,133 | 11,247 | 2.723 | 2.062 | 2,003 |

SIC 2515 MATTRESSES & BEDSPRINGS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 31,713 | 132,258 | 24,651 | 47,874 | 88,197 | 248,801 | 572,150 | 7,333 |
| 1959 | 32,610 | 142,945 | 25,261 | 50,626 | 96,159 | 253,786 | 614,928 | 4,528 |
| 1960 | 30,531 | 138,776 | 23,378 | 45,997 | 88,529 | 242,166 | 578,985 | 4,693 |
| 1961 | 30,201 | 136,315 | 22,716 | 45,354 | 88,626 | 239,668 | 587,665 | N.A. |
| 1962 | 31,511 | 148,662 | 23,879 | 47,336 | 95,705 | 263,932 | 640,641 | N.A. |
| 1963 | 30,061 | 146,287 | 22,993 | 45,765 | 94,589 | 285,510 | 641,008 | 7,310 |
| 1964 | 30,390 | 153,514 | 23,116 | 45,947 | 99,663 | 296,655 | 662,603 | N.A. |
| 1965 | 31,880 | 165,823 | 24,618 | 48,937 | 106,679 | 324,793 | 720,913 | 10,129 |
| 1966 | 32,179 | 170,423 | 25,083 | 49,723 | 109,872 | 335,630 | 735,565 | N.A. |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 43.5 | 4,170 | 3,578 | 23,210 | 10,093 | 2.821 | 1.842 | 1,942 |
| 1959 | 41.3 | 4,383 | 3,807 | 24,343 | 10,047 | 2.639 | 1.899 | 2,004 |
| 1960 | 41.8 | 4,545 | 3,804 | 24,766 | 10,359 | 2.723 | 1.933 | 1,968 |
| 1961 | 40.8 | 4,514 | 3,901 | 25,870 | 10,551 | 2.704 | 1.954 | 1,997 |
| 1962 | 41.2 | 4,718 | 4,008 | 26,829 | 11,053 | 2.758 | 2.022 | 1,982 |
| 1963 | 44.5 | 4,866 | 4,114 | 27,878 | 12,417 | 3.018 | 2.067 | 1,990 |
| 1964 | 44.8 | 5,051 | 4,312 | 28,664 | 12,833 | 2.976 | 2.169 | 1,988 |
| 1965 | 45.1 | 5,201 | 4,333 | 29,284 | 13,193 | 3.045 | 2.180 | 1,988 |
| 1966 | 45.6 | 5,296 | 4,380 | 29,325 | 13,381 | 3.055 | 2.210 | 1,982 |

SIC 2519 HOUSEHOLD FURNITURE NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 2,205 | 8,383 | 1,850 | 3,424 | 6,406 | 16,176 | 30,643 | 686 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 2,054 | 8,384 | 1,742 | 3,398 | 5,859 | 15,054 | 28,937 | 630 |
| 1964 | 2,162 | 9,985 | 1,816 | 3,930 | 6,754 | 18,062 | 33,982 | 731 |
| 1965 | 3,271 | 16,525 | 2,797 | 5,814 | 11,092 | 29,014 | 52,130 | N.A. |
| 1966 | 4,615 | 22,318 | 3,982 | 8,098 | 15,505 | 41,409 | 78,173 | N.A. |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 52.8 | 3,802 | 3,463 | 16,564 | 8,744 | 2.525 | 1.871 | 1,851 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 52.0 | 4,082 | 3,363 | 16,611 | 8,642 | 2.569 | 1.724 | 1,951 |
| 1964 | 53.2 | 4,618 | 3,719 | 18,713 | 9,946 | 2.674 | 1.719 | 2,164 |
| 1965 | 55.7 | 5,052 | 3,966 | 18,638 | 10,373 | 2.616 | 1.908 | 2,079 |
| 1966 | 53.0 | 4,836 | 3,894 | 19,632 | 10,399 | 2.671 | 1.915 | 2,034 |

SIC 2521 WOOD OFFICE FURNITURE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 5,821 | 23,516 | 4,957 | 10,007 | 17,627 | 38,427 | 68,392 | 840 |
| 1959 | 6,144 | 25,986 | 5,306 | 10,880 | 20,226 | 43,175 | 76,184 | 895 |
| 1960 | 6,059 | 26,546 | 5,157 | 10,858 | 20,410 | 43,541 | 78,193 | 595 |
| 1961 | 5,927 | 27,113 | 5,028 | 10,643 | 20,536 | 45,253 | 80,532 | 1,711 |
| 1962 | 6,302 | 29,641 | 5,423 | 11,591 | 22,952 | 48,626 | 85,184 | 3,216 |
| 1963 | 6,516 | 30,560 | 5,623 | 11,815 | 23,666 | 57,018 | 101,514 | 1,511 |
| 1964 | 6,679 | 32,750 | 5,694 | 11,940 | 25,477 | 58,695 | 109,284 | 1,336 |
| 1965 | 7,451 | 38,316 | 6,281 | 13,114 | 28,833 | 68,080 | 122,908 | 2,179 |
| 1966 | 7,787 | 42,563 | 6,647 | 13,460 | 31,586 | 74,573 | 136,404 | 3,496 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 56.2 | 4,040 | 3,556 | 13,797 | 7,752 | 2.180 | 1.761 | 2,019 |
| 1959 | 56.7 | 4,229 | 3,812 | 14,358 | 8,137 | 2.135 | 1.859 | 2,051 |
| 1960 | 55.7 | 4,381 | 3,958 | 15,162 | 8,443 | 2.133 | 1.880 | 2,105 |
| 1961 | 56.2 | 4,574 | 4,084 | 16,017 | 9,000 | 2.204 | 1.930 | 2,117 |
| 1962 | 57.1 | 4,703 | 4,232 | 15,708 | 8,967 | 2.119 | 1.980 | 2,137 |
| 1963 | 56.2 | 4,690 | 4,210 | 18,057 | 10,142 | 2.409 | 2.003 | 2,102 |
| 1964 | 53.7 | 4,903 | 4,474 | 19,193 | 10,308 | 2.304 | 2.134 | 2,097 |
| 1965 | 55.4 | 5,142 | 4,591 | 19,568 | 10,839 | 2.361 | 2.199 | 2,088 |
| 1966 | 54.7 | 5,466 | 4,752 | 20,521 | 11,219 | 2.361 | 2.347 | 2,025 |

SIC 2522 METAL OFFICE FURNITURE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 17,469 | 85,996 | 13,857 | 26,911 | 62,746 | 173,673 | 286,004 | 5,253 |
| 1959 | 17,727 | 92,038 | 14,230 | 28,029 | 67,249 | 200,848 | 322,742 | 5,551 |
| 1960 | 18,511 | 97,295 | 14,873 | 29,686 | 71,832 | 208,988 | 343,424 | 9,775 |
| 1961 | 17,432 | 92,022 | 13,759 | 27,449 | 67,199 | 199,289 | 329,254 | 6,208 |
| 1962 | 18,799 | 101,588 | 15,020 | 29,129 | 74,546 | 216,775 | 362,060 | 10,684 |
| 1963 | 19,928 | 112,080 | 15,752 | 31,531 | 81,427 | 228,329 | 389,965 | 14,199 |
| 1964 | 20,344 | 119,372 | 15,804 | 32,023 | 84,827 | 257,132 | 436,701 | 8,934 |
| 1965 | 21,746 | 134,327 | 17,059 | 35,867 | 93,573 | 290,497 | 493,842 | 11,665 |
| 1966 | 25,844 | 166,432 | 20,451 | 43,015 | 118,708 | 353,514 | 596,017 | 19,550 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 60.7 | 4,923 | 4,528 | 20,640 | 12,533 | 2.768 | 2.332 | 1,942 |
| 1959 | 62.2 | 5,192 | 4,726 | 22,680 | 14,114 | 2.987 | 2.399 | 1,970 |
| 1960 | 60.9 | 5,256 | 4,830 | 23,090 | 14,052 | 2.909 | 2.420 | 1,996 |
| 1961 | 60.5 | 5,279 | 4,884 | 23,930 | 14,484 | 2.966 | 2.448 | 1,995 |
| 1962 | 59.9 | 5,404 | 4,963 | 24,105 | 14,432 | 2.908 | 2.559 | 1,939 |
| 1963 | 58.6 | 5,624 | 5,169 | 24,757 | 14,495 | 2.804 | 2.582 | 2,002 |
| 1964 | 58.9 | 5,868 | 5,367 | 27,642 | 16,270 | 3.031 | 2.649 | 2,026 |
| 1965 | 58.8 | 6,177 | 5,485 | 28,949 | 17,029 | 3.104 | 2.609 | 2,103 |
| 1966 | 59.3 | 6,440 | 5,805 | 29,144 | 17,286 | 2.978 | 2.760 | 2,103 |

SIC 2531 PUBLIC BUILDING FURNITURE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 15,952 | 69,342 | 12,620 | 25,759 | 48,401 | 112,881 | 208,406 | 4,941 |
| 1959 | 16,275 | 69,739 | 12,671 | 26,219 | 49,539 | 102,154 | 215,148 | N.A. |
| 1960 | 17,507 | 78,044 | 13,666 | 27,144 | 53,834 | 125,194 | 239,035 | N.A. |
| 1961 | 17,233 | 83,404 | 14,171 | 28,394 | 56,360 | 133,994 | 267,613 | 6,365 |
| 1962 | 17,877 | 84,681 | 14,423 | 29,499 | 58,346 | 149,190 | 284,387 | 4,455 |
| 1963 | 17,417 | 85,702 | 13,565 | 27,503 | 59,020 | 147,253 | 282,661 | 4,507 |
| 1964 | 16,817 | 86,559 | 13,375 | 27,523 | 60,288 | 145,868 | 284,376 | N.A. |
| 1965 | 17,894 | 95,569 | 13,848 | 29,371 | 66,085 | 165,662 | 312,776 | 6,351 |
| 1966 | 18,508 | 101,440 | 14,409 | 29,957 | 71,290 | 186,203 | 343,540 | 8,338 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 54.2 | 4,347 | 3,835 | 16,514 | 8,945 | 2.332 | 1.879 | 2,041 |
| 1959 | 47.5 | 4,285 | 3,910 | 16,980 | 8,062 | 2.062 | 1.889 | 2,069 |
| 1960 | 52.4 | 4,458 | 3,939 | 17,491 | 9,161 | 2.326 | 1.983 | 1,986 |
| 1961 | 50.1 | 4,840 | 3,977 | 18,885 | 9,456 | 2.377 | 1.985 | 2,004 |
| 1962 | 52.5 | 4,737 | 4,045 | 19,718 | 10,344 | 2.557 | 1.978 | 2,045 |
| 1963 | 52.1 | 4,949 | 4,350 | 20,831 | 10,852 | 2.495 | 2.146 | 2,027 |
| 1964 | 51.3 | 5,147 | 4,508 | 21,262 | 10,906 | 2.420 | 2.190 | 2,058 |
| 1965 | 53.0 | 5,341 | 4,772 | 22,586 | 11,963 | 2.507 | 2.250 | 2,121 |
| 1966 | 54.2 | 5,481 | 4,948 | 23,842 | 12,923 | 2.612 | 2.380 | 2,079 |

SIC 2540 WOOD & METAL PARTITIONS & FIXTURES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 37,747 | 186,636 | N.A. | 57,331 | 130,117 | 301,250 | 538,872 | 13,644 |
| 1959 | 37,819 | 196,483 | 29,755 | 60,742 | 135,701 | 312,579 | 575,074 | 10,550 |
| 1960 | 39,464 | 208,186 | 30,723 | 65,412 | 144,873 | 346,605 | 616,147 | 8,848 |
| 1961 | 39,261 | 212,454 | 29,810 | 63,601 | 145,364 | 350,308 | 615,276 | 13,981 |
| 1962 | 41,681 | 235,372 | 31,780 | 68,579 | 162,805 | 388,669 | 687,243 | 17,253 |
| 1963 | 44,633 | 261,822 | 34,372 | 71,710 | 185,452 | 433,495 | 767,452 | 15,286 |
| 1964 | 44,727 | 266,563 | 34,278 | 71,491 | 186,182 | 451,527 | 791,614 | N.A. |
| 1965 | 46,794 | 291,958 | 36,444 | 74,573 | 205,961 | 487,694 | 849,161 | 19,759 |
| 1966 | 50,516 | 322,702 | 39,780 | 80,468 | 229,166 | 564,327 | 982,130 | 15,995 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER N.A. |
| | | | | | | | | |
| 1958 | 55.9 | 4,944 | N.A. | N.A. | N.A. | 2.315 | 2.270 | N.A. |
| 1959 | 54.4 | 5,195 | 4,561 | 19,327 | 10,505 | 2.303 | 2.234 | 2,041 |
| 1960 | 56.3 | 5,275 | 4,715 | 20,055 | 11,282 | 2.392 | 2.215 | 2,129 |
| 1961 | 56.9 | 5,411 | 4,876 | 20,640 | 11,751 | 2.410 | 2.286 | 2,134 |
| 1962 | 56.6 | 5,647 | 5,123 | 21,625 | 12,230 | 2.387 | 2.374 | 2,158 |
| 1963 | 56.5 | 5,866 | 5,395 | 22,328 | 12,612 | 2.338 | 2.586 | 2,086 |
| 1964 | 57.0 | 5,960 | 5,432 | 23,094 | 13,173 | 2.425 | 2.604 | 2,086 |
| 1965 | 57.4 | 6,239 | 5,651 | 23,300 | 13,382 | 2.368 | 2.762 | 2,046 |
| 1966 | 57.5 | 6,388 | 5,761 | 24,689 | 14,186 | 2.463 | 2.848 | 2,023 |

SIC 2591 VENETIAN BLINDS & SHADES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 11,309 | 44,020 | 8,306 | 15,543 | 28,749 | 84,856 | 189,618 | 3,336 |
| 1959 | 11,884 | 48,241 | 8,944 | 16,968 | 31,318 | 95,660 | 212,515 | 1,882 |
| 1960 | 12,341 | 51,291 | 9,038 | 17,345 | 31,974 | 96,353 | 209,161 | 2,298 |
| 1961 | 11,241 | 47,955 | 8,259 | 16,631 | 30,010 | 93,112 | 201,698 | 3,125 |
| 1962 | 11,304 | 49,228 | 8,149 | 16,748 | 31,804 | 98,132 | 211,200 | 3,643 |
| 1963 | 10,102 | 46,790 | 7,531 | 14,949 | 30,615 | 88,905 | 190,500 | 4,120 |
| 1964 | 10,874 | 52,583 | 8,184 | 16,125 | 35,844 | 102,140 | 215,638 | 3,144 |
| 1965 | 11,693 | 56,305 | 8,327 | 17,384 | 36,066 | 111,450 | 226,817 | 3,031 |
| 1966 | 11,711 | 58,105 | 8,636 | 17,027 | 36,979 | 113,498 | 229,029 | 4,001 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER N.A. |
| | | | | | | | | |
| 1958 | 44.8 | 3,892 | 3,461 | 22,829 | 10,216 | 2.952 | 1.850 | 1,871 |
| 1959 | 45.0 | 4,059 | 3,502 | 23,761 | 10,695 | 3.054 | 1.846 | 1,897 |
| 1960 | 46.1 | 4,156 | 3,538 | 23,142 | 10,661 | 3.013 | 1.843 | 1,919 |
| 1961 | 46.2 | 4,266 | 3,634 | 24,422 | 11,274 | 3.103 | 1.804 | 2,014 |
| 1962 | 46.5 | 4,355 | 3,903 | 25,917 | 12,042 | 3.086 | 1.859 | 2,055 |
| 1963 | 46.7 | 4,632 | 4,065 | 25,295 | 11,805 | 2.904 | 2.048 | 1,985 |
| 1964 | 47.4 | 4,836 | 4,380 | 26,349 | 12,480 | 2.850 | 2.223 | 1,970 |
| 1965 | 49.1 | 4,815 | 4,331 | 27,239 | 13,384 | 3.090 | 2.075 | 2,088 |
| 1966 | 49.6 | 4,962 | 4,282 | 26,520 | 13,142 | 3.069 | 2.172 | 1,972 |

SIC 2599 FURNITURE & FIXTURES, NEC

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 7,990 | 37,450 | 6,483 | 12,697 | 27,692 | 60,189 | 110,360 | 2,691 |
| 1959 | 7,728 | 37,534 | 6,161 | 12,701 | 27,724 | 61,328 | 115,770 | 1,702 |
| 1960 | 7,248 | 35,448 | 5,613 | 11,589 | 25,706 | 58,740 | 107,058 | N.A. |
| 1961 | 6,496 | 31,627 | 5,282 | 10,833 | 23,032 | 53,766 | 98,528 | 879 |
| 1962 | 7,106 | 37,120 | 5,882 | 12,821 | 27,142 | 63,162 | 113,143 | N.A. |
| 1963 | 7,540 | 39,591 | 6,171 | 12,443 | 28,809 | 65,871 | 121,572 | 1,691 |
| 1964 | 7,582 | 39,927 | 6,174 | 12,578 | 28,744 | 65,996 | 125,748 | N.A. |
| 1965 | 7,543 | 40,750 | 6,378 | 12,729 | 29,336 | 75,291 | 143,353 | N.A. |
| 1966 | 7,854 | 45,692 | 6,659 | 14,012 | 33,248 | 81,827 | 152,479 | 2,476 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER N.A. |
| | | | | | | | | |
| 1958 | 54.5 | 4,687 | 4,271 | 17,023 | 9,284 | 2.174 | 2.181 | 1,959 |
| 1959 | 53.0 | 4,857 | 4,500 | 18,791 | 9,954 | 2.212 | 2.183 | 2,062 |
| 1960 | 54.9 | 4,891 | 4,580 | 19,073 | 10,465 | 2.285 | 2.126 | 2,065 |
| 1961 | 54.6 | 4,869 | 4,360 | 18,654 | 10,179 | 2.334 | 2.117 | 2,051 |
| 1962 | 55.8 | 5,224 | 4,614 | 19,235 | 10,738 | 2.327 | 2.315 | 2,016 |
| 1963 | 54.2 | 5,251 | 4,656 | 20,367 | 10,689 | 2.296 | 2.285 | 2,037 |
| 1964 | 52.5 | 5,266 | 4,600 | 22,476 | 11,805 | 2.567 | 2.305 | 1,996 |
| 1965 | 52.5 | 5,402 | 4,993 | 22,898 | 12,288 | 2.461 | 2.373 | 2,104 |

Table II-5.--LUMBER AND FURNITURE INDUSTRIES RANKED BY
GROWTH IN VALUE OF SHIPMENTS, 1958-66

| Rank | SIC code | Title | Value in shipments (\$1,000) | | Ratio 1966/1958 |
|------|-------------|---|---------------------------------|-----------|--------------------|
| | | | 1958 | 1966 | |
| | | LUMBER AND WOOD PRODUCTS | | | |
| 1 | 2432 | Veneer and Plywood Plants..... | 884,111 | 1,699,869 | 1.923 |
| 2 | 2499 | Wood Products, n.e.c..... | 584,308 | 1,069,181 | 1.830 |
| 3 | 2442 | Wirebound Boxes and Crates..... | 97,991 | 174,369 | 1.779 |
| 4 | 2491 | Wood Preserving..... | 202,957 | 326,001 | 1.606 |
| 5 | 2426 | Hardwood Dimension and Flooring..... | 260,645 | 414,266 | 1.589 |
| 6 | 2411 | Logging Camps and Contractors..... | 868,279 | 1,361,787 | 1.568 |
| 7 | 2433 | Prefabricated Wood Products..... | 322,279 | 471,652 | 1.463 |
| 8 | 2431 | Millwork Plants..... | 1,049,571 | 1,344,635 | 1.281 |
| 9 | 2441 | Nailed Wooden Boxes and Shook..... | 211,407 | 268,155 | 1.268 |
| 10 | 2429 | Special Products Sawmills, n.e.c..... | 89,381 | 109,734 | 1.228 |
| 11 | 2421 | Sawmills and Planing Mills..... | 2,917,314 | 3,390,813 | 1.162 |
| 12 | 2445 | Cooperage..... | 70,070 | 65,710 | 0.938 |
| 13 | 2443 | Veneer and Plywood Containers..... | 30,271 | 0 | 0 |
| | | FURNITURE AND FIXTURES | | | |
| 1 | 2519 | Household Furniture, n.e.c..... | 30,643 | 78,173 | 2.551 |
| 2 | 2522 | Metal Office Furniture..... | 286,004 | 596,017 | 2.084 |
| 3 | 2521 | Wood Office Furniture..... | 68,392 | 136,404 | 1.994 |
| 4 | 2540 | Wood and Metal Partitions and Fixtures..... | 538,872 | 982,130 | 1.823 |
| 5 | 2511 | Wood Furniture, Not Upholstered..... | 1,382,209 | 2,423,392 | 1.753 |
| 6 | 2531 | Public Building Furniture..... | 208,406 | 343,540 | 1.648 |
| 7 | 2512 | Wood Furniture, Upholstered..... | 776,670 | 1,250,196 | 1.610 |
| 8 | 2599 | Furniture and Fixtures, n.e.c..... | 110,360 | 152,479 | 1.382 |
| 9 | 2515 | Mattresses and Bedsprings..... | 572,150 | 735,565 | 1.286 |
| 10 | 2591 | Venetian Blinds and Shades..... | 189,618 | 229,029 | 1.208 |
| 11 | 2514 | Metal Household Furniture..... | 496,147 | 595,285 | 1.200 |

TABLE II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, LUMBER AND FURNITURE, 1958-66
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|---------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| LUMBER AND WOOD PRODUCTS | | | | | | | | | | | |
| 2411- | LOGS, BOLTS & PULPWOOD RECEIPTS FOR CONTRACT LOGGING | 877 | 1,067 | 1,063 | 1,017 | 1,027 | 1,186 | 1,260 | 1,252 | 1,424 | 1.62 |
| 24119 | RCPTS. FOR CONTRACT LOGGING | 256 | *291 | NA | NA | NA | 336 | 347 | 313 | 328 | 1.28 |
| 24110 | LOGS, BOLTS & PULPWOOD N.S.K. | 621 | 776 | NA | NA | NA | 849 | 913 | 939 | 1,095 | NC |
| 2421- | SAWMILLS & PLANING MILL PRODUCTS | 2,666 | 3,097 | 2,814 | 2,621 | 2,719 | 2,795 | 2,951 | 2,955 | 3,057 | 1.15 |
| 24211 | ROUGH LUMBER & SAWED TIES | 860 | 1,002 | 949 | 862 | 951 | 823 | 903 | 906 | 969 | 1.13 |
| 24212 | DRESSED LUMBER | 1,470 | 1,715 | 1,509 | 1,398 | 1,451 | 1,575 | 1,687 | 1,710 | 1,750 | 1.19 |
| 24217 | SOFTWOOD CUT STOCK | 56 | 60 | 55 | 54 | 64 | 88 | 94 | 92 | 96 | 1.71 |
| 24218 | SOFTWOOD FLOORING & OTHER GENERAL SAWMILL & PLANING | 64 | 69 | 59 | 54 | 55 | 57 | 59 | 57 | *69 | *1.08 |
| 24219 | RECEIPTS FROM CONTRACT OR CUSTOM SAWING OF LOGS OWNED BY OTHERS | 62 | 73 | *56 | 48 | 47 | 52 | 45 | 48 | *46 | *.74 |
| 24210 | SAWMILLS & PLANING MILLS, N.S.K. | NA | NA | NA | NA | NA | 200 | 163 | 143 | *126 | NC |
| 2426- | HARDWOOD DIMENSION & FLOORING | 253 | 308 | 293 | 275 | 296 | 334 | 369 | 388 | 428 | 1.70 |
| 24261 | HARDWOOD FLOORING | 148 | 187 | 161 | 142 | 149 | 154 | 166 | 165 | 166 | 1.12 |
| 24262 | HARDWOOD DIMENSION STOCK, FURNITURE PARTS, & VEHICLE STOCK | 103 | 121 | 133 | 133 | 147 | 170 | 192 | 208 | 248 | 2.41 |
| 24260 | HARDWOOD DIMENSION & FLOORING, N.S.K. | NA | NA | NA | NA | NA | 10 | *11 | *15 | *14 | NC |
| 2429- | SHINGLES, COOPERAGE STOCK, & EXCELSIOR | 130 | 145 | 127 | 120 | 126 | 177 | 185 | 200 | 221 | 1.71 |
| 24290 | SHINGLES, COOPERAGE STOCK, & EXCELSIOR MILLS | 130 | 145 | 127 | 120 | 126 | 177 | 185 | 200 | 221 | 1.71 |
| 2431- | MILLWORK | 913 | 1,027 | 940 | 912 | 958 | 1,142 | 1,204 | 1,215 | 1,205 | 1.32 |
| 24311 | WINDOW UNITS, WOOD | 105 | 131 | 116 | 114 | 115 | 119 | 122 | 138 | 148 | 1.42 |
| 24312 | WOOD WINDOW SASH, INC. COMBINATION SCREEN & STORM SASH, EXC. WINDOW SCREENS & WINDOW UNITS | 54 | 54 | 46 | 45 | 45 | 40 | 40 | 41 | 37 | .68 |
| 24313 | WINDOW & DOOR FRAMES | 70 | 83 | 74 | 64 | 71 | 69 | 74 | 69 | 66 | .95 |
| 24314 | DOORS, WOOD (PANEL & FLUSH TYPE), INC. DOORS SHIPPED IN DOOR UNITS | 198 | 225 | 201 | 199 | 221 | 255 | 267 | 286 | 285 | 1.44 |
| 24315 | OTHER WOOD DOORS, INC. GARAGE, SCREEN, STORM & COMBINATION SCREEN & STORM, TOILET & LOUVRE | 88 | 106 | 96 | 93 | 100 | 128 | 143 | 132 | 132 | 1.50 |
| 24316 | FINISHED WOOD MOULDING (INC. WINDOW & DOOR TRIM) | 148 | 161 | 145 | 141 | 143 | 167 | 184 | 189 | 188 | 1.27 |
| 24317 | CABINET WORK, TO BE BUILT IN | 77 | 92 | 88 | 95 | 102 | 150 | 157 | 145 | 134 | 1.74 |
| 24318 | OTHER MILLWORK PRODUCTS, INC. SCREENS | 49 | 58 | 61 | 60 | 68 | 89 | 97 | 111 | 102 | 2.07 |
| 24310 | MILLWORK PLANTS, N.S.K. | 124 | NA | NA | NA | NA | 125 | 121 | *104 | *113 | NC |
| 2432- | VENEER & PLYWOOD | 836 | 1,074 | 1,087 | 992 | 1,190 | 1,276 | 1,445 | 1,517 | 1,590 | 1.90 |
| 24321 | HARDWOOD PLYWOOD | 183 | 233 | 220 | 232 | 258 | 293 | 330 | 373 | 383 | 2.10 |
| 24322 | SOFTWOOD PLYWOOD, INTERIOR TYPE | 321 | 378 | 341 | 356 | 381 | 415 | 426 | 417 | 424 | 1.32 |
| 24323 | SOFTWOOD PLYWOOD, EXTERIOR TYPE | 127 | 163 | 144 | 156 | 168 | 225 | 278 | 303 | 347 | 2.74 |
| 24324 | NONWOOD FACE PLYWOOD & OTHER PLYWOOD TYPE PRODUCTS, EXCEPT PARTICLE WOOD | 27 | 55 | 78 | 56 | 70 | 82 | *136 | 122 | 127 | 4.65 |
| 24325 | HARDWOOD VENEER | 89 | NA | NA | NA | 186 | 122 | 132 | 153 | 166 | 1.87 |
| 24326 | SOFTWOOD VENEER | 82 | NA | NA | NA | 122 | 129 | 131 | 139 | 134 | 1.64 |
| 24320 | VENEER & PLYWOOD PLANTS, N.S.K. | 8 | NA | NA | NA | NA | 9 | 10 | 9 | *10 | NC |
| 2433- | PREFABRICATED WOOD PRODUCTS | 294 | 337 | 319 | 303 | 306 | 380 | 396 | 428 | 433 | 1.47 |
| 2433A | PREFABRICATED WOOD PRODUCTS (INC. 24331, 24332 & 24333) | 294 | 337 | 319 | 303 | 306 | 380 | 396 | 428 | 433 | 1.47 |
| 2441- | NAILED WOODEN BOXES & SHOOK | 209 | 215 | 211 | 193 | 219 | 189 | 182 | 216 | 238 | 1.14 |
| 24411 | CIGAR BOXES, WOODEN & PART WOODEN NAILED & LOCK CORNER BOXES | 84 | 88 | 88 | 80 | 93 | 84 | 80 | 101 | *111 | *1.31 |
| 24412 | BOX SHOCK FRUIT, VEGETABLE, INDUSTRIALS, ETC. | 105 | 110 | 108 | 98 | 101 | 90 | 89 | 105 | 118 | 1.12 |
| 24410 | NAILED & WOODEN BOXES & SHOOK, N.S.K. | 20 | NA | NA | NA | NA | 15 | 14 | *10 | *9 | NC |
| 2442- | WIREBOUND BOXES MADE FROM LUMBER, VENEER & PLYWOOD | 92 | 98 | 98 | 104 | 119 | 108 | 111 | 131 | 159 | 1.72 |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 24420 | WIREBOUND BOXES MADE FROM LUMBER, VENEER & PLYWOOD | 92 | 98 | 98 | 104 | 119 | 108 | 111 | 131 | 159 | 1.72 |
| 2443- | VENEER & PLYWOOD CONTAINERS, EXC. BOXES & CRATES | 30 | 30 | 31 | 33 | 32 | 29 | 30 | *22 | *19 | *.62 |
| 24430 | VENEER & PLYWOOD CONTAINERS, EXCEPT BOXES & CRATES | 30 | 30 | 31 | 33 | 32 | 29 | 30 | *22 | *19 | *.62 |
| 2445- | SLACK & TIGHT COOPERAGE | 67 | 63 | 70 | 68 | 58 | 50 | 54 | 62 | 63 | .94 |
| 24450 | SLACK & TIGHT COOPERAGE | 67 | 63 | 70 | 68 | 58 | 50 | 54 | 62 | 63 | .94 |
| 2491- | WOOD PRESERVING | 201 | 211 | 215 | 211 | 214 | 240 | 264 | 277 | 316 | 1.57 |
| 24911 | WOOD OWNED & TREATED BY SAME ESTABLISHMENT | 175 | 183 | 188 | 179 | 185 | 209 | 232 | 250 | 283 | 1.62 |
| 24919 | CONTRACT WOOD PRESERVING | 24 | 21 | 20 | 23 | 21 | 26 | 28 | *21 | *27 | *1.10 |
| 24910 | WOOD PRESERVING, N.S.K. | 2 | NA | NA | NA | NA | 5 | 4 | 5 | 7 | NC |
| 2499- | WOOD PRODUCTS, N.E.C. | 578 | 574 | 580 | 573 | 628 | 798 | 880 | 932 | 1,040 | 1.80 |
| 24991 | MIRROR AND PICTURE FRAMES | 57 | 65 | 68 | 63 | 76 | 82 | 98 | 105 | 114 | 1.99 |
| 24992 | PALLETS & SKIDS | 43 | 65 | 70 | 71 | 81 | 99 | 111 | 139 | 188 | 4.35 |
| 24993 | PARTICLE BOARD | 17 | NA | NA | NA | 40 | 55 | 79 | 79 | 90 | 5.17 |
| 24994 | CORK PRODUCTS | 31 | NA | NA | 27 | 28 | 26 | 22 | 21 | 17 | .55 |
| 24995 | WOOD PRODUCTS, N.E.C. | 267 | 279 | 285 | 288 | 312 | 341 | 372 | 393 | 424 | 1.59 |
| 24996 | HARD PRESSED WOOD FIBERBOARD | 78 | 96 | 88 | 98 | 111 | 131 | 139 | 151 | 162 | 2.07 |
| 24990 | WOOD PRODUCTS N.E.C., N.S.K. | NA | NA | NA | NA | NA | 64 | 59 | *43 | *45 | NC |
| FURNITURE AND FIXTURES | | | | | | | | | | | |
| 2511- | WOOD HOUSEHOLD FURNITURE, EXC. UPHOLSTERED | 1,305 | 1,493 | 1,451 | 1,422 | 1,603 | 1,759 | 1,911 | 2,064 | 2,262 | 1.73 |
| 25111 | RADIO, PHONOGRAPH, & TELEVISION WOOD CABINETS | 114 | 120 | 107 | 108 | 122 | 158 | 159 | 207 | 283 | 2.48 |
| 25112 | OTHER WOOD LIVING ROOM, LIBRARY, SUNROOM, & HALL FURNITURE | 222 | 259 | 267 | 265 | 300 | 315 | 351 | 365 | 389 | 1.75 |
| 25113 | WOOD DINING ROOM & KITCHEN FURNITURE (EXC. CABINETS) | 167 | 200 | 204 | 189 | 221 | 272 | 297 | 320 | 362 | 2.17 |
| 25114 | KITCHEN CABINETS, WOOD | 190 | 211 | 199 | 213 | 245 | 250 | 279 | 311 | 335 | 1.76 |
| 25115 | WOOD BEDROOM FURNITURE | 457 | 533 | 512 | 498 | 564 | 578 | 643 | 696 | 730 | 1.60 |
| 25116 | INFANTS' & CHILDRENS' WOOD FURNITURE | 47 | 51 | 50 | 51 | 50 | 44 | 45 | 48 | 50 | 1.07 |
| 25117 | WOOD OUTDOOR FURNITURE & UNPAINTED WOOD FURNITURE | 53 | 56 | 55 | 58 | 67 | 51 | 58 | 60 | 63 | 1.19 |
| 25110 | WOOD FURNITURE EXCEPT UPHOLSTERED, N.S.K. | 55 | 62 | 58 | 41 | 35 | 90 | 80 | *55 | *50 | NC |
| 2512- | WOOD HOUSEHOLD FURNITURE, UPHOLSTERED | 759 | 854 | 843 | 820 | 910 | 959 | 1,027 | 1,153 | 1,234 | 1.63 |
| 25121 | UPHOLSTERED WOOD HOUSEHOLD FURNITURE | 679 | 770 | 751 | 739 | 817 | 866 | 930 | 1,062 | 1,140 | 1.68 |
| 25126 | FURNITURE FRAMES FOR HOUSEHOLD FURNITURE | 36 | 51 | 55 | 63 | 78 | 53 | 61 | 70 | 77 | 2.10 |
| 25120 | WOOD FURNITURE, UPHOLSTERED, N.S.K. | 43 | 33 | 37 | 18 | 14 | 40 | 36 | *22 | *17 | NC |
| 2514- | METAL HOUSEHOLD FURNITURE | 479 | 533 | 506 | 473 | 491 | 508 | 547 | 548 | 579 | 1.21 |
| 25141 | METAL HOUSEHOLD, DINING & BREAKFAST FURNITURE | 138 | 152 | 136 | 126 | 128 | 141 | 156 | 168 | 186 | 1.35 |
| 25142 | METAL KITCHEN FURNITURE | 90 | 88 | 73 | 61 | 56 | 63 | 68 | 64 | 69 | .77 |
| 25143 | METAL PORCH, LAWN & OUTDOOR FURNITURE | 91 | 117 | 114 | 98 | 108 | 101 | 109 | 108 | 109 | 1.19 |
| 25144 | OTHER METAL HOUSEHOLD FURNITURE | 140 | 159 | 167 | 171 | 180 | 184 | 199 | 201 | 210 | 1.50 |
| 25140 | METAL HOUSEHOLD FURNITURE, N.S.K. | 19 | 16 | 17 | 17 | 19 | 18 | 16 | *6 | *5 | NC |
| 2515- | MATTRESSES & BEDSPRINGS | 569 | 612 | 583 | 567 | 603 | 609 | 630 | 675 | 691 | 1.21 |
| 25151 | INNERSPRING MATTRESSES & SPRING CUSHIONS | 214 | 217 | 212 | 199 | 213 | 234 | 246 | 266 | 273 | 1.28 |
| 25152 | OTHER MATTRESSES | 37 | 40 | 43 | 44 | 45 | 50 | 52 | 50 | 51 | 1.38 |
| 25153 | BEDSPRINGS | 146 | 163 | 154 | 157 | 168 | 157 | 167 | 183 | 192 | 1.32 |
| 25154 | CONVERTIBLE SOFAS | 76 | 86 | 80 | 74 | 86 | 82 | 85 | 93 | 95 | 1.25 |
| 25155 | JACKKNIFE SOFA BEDS & CHAIRPEDS | 54 | 55 | 41 | 38 | 39 | 39 | 38 | 39 | 40 | .74 |
| 25156 | STUCCO COUCHES | 17 | NA | 22 | 23 | 24 | 18 | *15 | 18 | 18 | 1.01 |
| 25150 | MATTRESSES & BEDSPRINGS, N.S.K. | 24 | NA | 33 | 32 | 29 | 28 | 27 | 26 | *21 | NC |
| 2519- | HOUSEHOLD FURNITURE, N.E.C. | 35 | 35 | 28 | 28 | 27 | 47 | 52 | 65 | 71 | 2.01 |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|--|------|------|------|------|------|------|------|------|------|----------------|
| 25190 | HOUSEHOLD FURNITURE, N.E.C. | 35 | 35 | 28 | 28 | 27 | 47 | 52 | 65 | 71 | 2.01 |
| 2521- | WOOD OFFICE FURNITURE | 71 | 87 | 91 | 88 | 94 | 100 | 109 | 124 | 138 | 1.95 |
| 25210 | WOOD OFFICE FURNITURE | 71 | 87 | 91 | 88 | 94 | 100 | 109 | 124 | 138 | 1.95 |
| 2522- | METAL OFFICE FURNITURE | 273 | 315 | 328 | 318 | 341 | 358 | 395 | 457 | 572 | 2.09 |
| 25221 | CHAIRS, STOOLS, COUCHES, ETC., INC. UPHOLSTERED | 59 | 67 | 67 | 67 | 70 | 74 | 85 | 99 | 123 | 2.10 |
| 25222 | DESKS | 66 | 80 | 87 | 80 | 86 | 88 | 99 | 110 | 158 | 2.38 |
| 25223 | CABINETS AND CASES | 107 | 123 | 127 | 124 | 140 | 143 | 153 | 177 | 201 | 1.87 |
| 25224 | OTHER METAL OFFICE FURNITURE INC. TABLES, STANDS, ETC. | 34 | 45 | 47 | 46 | 45 | 50 | 55 | 67 | 85 | 2.48 |
| 25220 | METAL OFFICE FURNITURE, N.E.C. | 7 | NA | NA | NA | NA | 3 | 2 | 4 | *5 | NC |
| 2531- | PUBLIC BUILDING FURNITURE | 219 | 227 | 235 | 245 | 261 | 263 | 285 | 309 | 340 | 1.55 |
| 25311 | SCHOOL FURNITURE, EXCEPT STONE & CONCRETE | 100 | 103 | 106 | 110 | 109 | 118 | 123 | 134 | 153 | 1.52 |
| 25312 | PUBLIC BUILDING & RELATED FURNITURE, EXCEPT SCHOOL FURNITURE | 101 | 101 | 104 | 109 | 124 | 134 | 150 | 164 | 178 | 1.76 |
| 25310 | PUBLIC BUILDING FURNITURE, N.E.C. | 17 | 23 | 24 | 27 | 28 | 11 | 11 | 11 | *9 | NC |
| 2541- | WOOD PARTITIONS, SHELVING, LOCKERS, & OFFICE & STORE FIXTURES | NA | NA | NA | NA | NA | 385 | 391 | 411 | 473 | NA |
| 25410 | WOOD PARTITIONS, SHELVING, LOCKERS, & OFFICE & STORE FIXTURES | NA | NA | NA | NA | NA | 385 | 391 | 411 | 473 | NA |
| 2542- | METAL PARTITIONS, SHELVING, LOCKERS, & OFFICE & STORE FIXTURES | NA | NA | NA | NA | NA | 368 | 379 | 440 | 500 | NA |
| 25420 | METAL PARTITIONS, SHELVING, LOCKERS, & OFFICE & STORE FIXTURES | NA | NA | NA | NA | NA | 368 | 379 | 440 | 500 | NA |
| 2591- | VENETIAN BLINDS & SHADES | 167 | 186 | 172 | 177 | 180 | 171 | 180 | 188 | 193 | 1.16 |
| 25911 | WINDOW SHADES & ACCESSORIES | 89 | 97 | 93 | 93 | 98 | 109 | 119 | 129 | 136 | 1.53 |
| 25912 | VENETIAN BLINDS | 54 | 66 | 59 | 62 | 62 | 50 | 53 | 49 | 49 | .71 |
| 25910 | VENETIAN BLINDS & SHADES, N.E.C. | 24 | 21 | 20 | 22 | 20 | 12 | *9 | *10 | *8 | NC |
| 2599- | FURNITURE & FIXTURES, N.E.C. | 102 | 110 | 102 | 107 | 121 | 138 | 142 | 158 | 180 | 1.76 |
| 25990 | FURNITURE & FIXTURES, N.E.C. | 102 | 110 | 102 | 107 | 121 | 138 | 142 | 158 | 180 | 1.76 |

Table II-7.--IMPORTS--LUMBER AND FURNITURE, 1958-66

| Product code | Title | Imports (million dollars) | | | | | | | | |
|----------------------------------|--|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | LUMBER AND WOOD PRODUCTS | | | | | | | | | |
| 24 | Lumber and wood products, total.. | 771.5 | 709.9 | 686.3 | 662.3 | 606.1 | 534.7 | 537.5 | 584.5 | 439.8 |
| 2411, 2491 | Logs, bolts, and pulpwood..... | 33.7 | 29.3 | 29.6 | 30.4 | 31.4 | 32.7 | 36.2 | 34.6 | 36.7 |
| 2421 | Sawmill and planing mill products..... | 395.7 | 371.4 | 361.6 | 362.2 | 335.7 | 311.9 | 308.6 | 340.6 | 265.5 |
| 24211 | Rough lumber and sawed ties..... | 79.5 | 61.3 | 54.0 | | | | | | |
| 24212, 7, 8 | Sawmill products, n.e.c..... | 316.2 | 310.1 | 307.6 | | | | | | |
| 2426 | Hardwood dimension and flooring..... | 10.1 | 8.0 | 7.2 | 39.7 | 31.7 | 28.2 | 26.9 | 25.8 | 24.3 |
| 24261 | Hardwood flooring..... | 2.9 | 2.8 | 2.3 | | | | | | |
| 24262 | Hardwood dimension stock..... | 7.2 | 5.3 | 4.8 | | | | | | |
| 2429 | Special sawmill products, n.e.c. ¹ | 33.7 | 36.3 | 39.6 | | | | | | |
| 2431 | Millwork products: | | | | | | | | | |
| 24314, 5 | Wood doors..... | .9 | 1.0 | .7 | .7 | .5 | .4 | .5 | .8 | .6 |
| 24316 pt. | Softwood finished wood moldings..... | 9.6 | 10.3 | 10.8 | 6.1 | 4.8 | 5.0 | 4.6 | .1 | .1 |
| 2432 | Veneer and plywood..... | 200.3 | 170.6 | 165.7 | 146.1 | 132.2 | 97.9 | 100.8 | 127.9 | 80.9 |
| 24321 | Plywood, hardwood..... | 149.5 | 124.1 | 122.4 | 107.9 | 99.6 | 71.7 | 75.0 | 98.8 | 63.5 |
| 24322, 3 | Plywood, softwood..... | .4 | .5 | .6 | 1.0 | 1.1 | .9 | .7 | | |
| 24324 | Nonwood face plywood..... | .7 | .3 | .3 | n.a. | n.a. | n.a. | n.a. | | |
| 24325 | Veneer, hardwood..... | 47.8 | 44.9 | 42.0 | 36.1 | 30.8 | 24.5 | 24.4 | 29.1 | 17.4 |
| 24326 | Veneer, softwood..... | 1.9 | .8 | .4 | 1.1 | .7 | .7 | .7 | | |
| 2441-3 | Wood boxes, crates, and veneer and plywood containers..... | 2.1 | 1.7 | 1.8 | 2.1 | 0.6 | 0.3 | 0.2 | .2 | Z |
| 2445 | Cooperage..... | .2 | .1 | .2 | | | | | | |
| 2499, 2433; 24311-3, 7, 8 | Wood products, n.e.c..... | 85.3 | 81.1 | 69.3 | 75.0 | 69.2 | 58.3 | 59.7 | 54.5 | n.a. |
| 24991 | Mirror and picture frames..... | 4.0 | 3.1 | 2.2 | 1.9 | 1.7 | 1.3 | 1.1 | .9 | .6 |
| 24992, 3, 5; 2433; 24311-3, 7, 8 | Other wood products, except cork.... | 62.1 | 55.7 | 48.2 | 56.7 | 53.4 | 45.1 | 46.7 | 40.2 | n.a. |
| 24994 | Cork products..... | 5.2 | 4.6 | 4.2 | 4.0 | 3.9 | 4.1 | 4.7 | 4.5 | 3.6 |
| 24996 | Hard pressed wood fiberboard..... | 14.0 | 17.7 | 14.6 | 12.4 | 10.2 | 7.8 | 7.2 | 8.9 | n.a. |
| | FURNITURE AND FIXTURES | | | | | | | | | |
| 25 | Furniture and fixtures, total.... | 82.3 | 56.0 | 43.3 | 232.4 | 229.6 | 225.1 | 225.1 | 19.7 | 18.1 |

n.a.--Not available. Z--Less than \$0.05 million or 0.5 percent.

n.e.c.--Not elsewhere classified.

¹Imports do not include excelsior or cooperage headings.²Imports for 1963 and earlier years represent only wood furniture, excluding wood partition and fixtures. Data for metal furniture and fixtures are not separately available.

Table II-8.--EXPORTS--LUMBER AND FURNITURE, 1958-66

| Product code | Title | Exports (million dollars) | | | | | | | | |
|-----------------|---|---------------------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | LUMBER AND WOOD PRODUCTS | | | | | | | | | |
| 24 | Lumber and wood products, total..... | 334.2 | 301.7 | 264.3 | 229.3 | 186.6 | 184.0 | 180.9 | 159.1 | 137.9 |
| 2411, 2491 | Logs, bolts, and pulpwood ¹ | 137.7 | 125.2 | 92.8 | 80.3 | 54.2 | 55.1 | 37.8 | 30.4 | 27.2 |
| 2421 | Sawmill and planing mill products, n.e.c. ¹ | 128.8 | 113.9 | 113.8 | 102.0 | 85.6 | 80.7 | 98.3 | 86.0 | 65.4 |
| 2426 | Hardwood dimension stock and flooring..... | 6.2 | 6.5 | 6.0 | 5.6 | 5.7 | 6.4 | 5.6 | 7.1 | 7.1 |
| 24261 | Hardwood flooring..... | 1.8 | 1.6 | 2.2 | 1.9 | 2.1 | 2.0 | 2.1 | 3.9 | 3.8 |
| 24262 | Hardwood dimension stock..... | 4.4 | 4.9 | 3.8 | 3.8 | 3.6 | 4.4 | 3.5 | 3.2 | 3.3 |
| 2429 | Special sawmill products, n.e.c..... | 14.6 | 9.9 | 26.9 | 26.3 | 25.6 | 26.8 | 25.8 | 24.4 | 24.8 |
| 2431 | Millwork products..... | 5.5 | 5.4 | 4.9 | 3.4 | 4.2 | 4.4 | 3.2 | 4.1 | 3.5 |
| 24311, 2 | Wood windows and sash..... | 1.5 | 1.8 | 1.2 | 1.1 | 1.2 | 1.2 | 1.5 | .7 | .5 |
| 24314, 5 | Wood doors..... | 2.0 | 1.6 | 1.4 | .9 | 1.0 | .9 | .9 | 1.0 | .9 |
| 24316 | Finished wood molding..... | .6 | .5 | .5 | .5 | .5 | .5 | .5 | .5 | .5 |
| 24313, 7, 8 | Millwork products, n.e.c..... | 1.3 | 1.5 | 2.2 | 1.4 | 2.0 | 2.7 | 1.8 | 2.4 | 2.1 |
| 2432 | Veneer and plywood..... | 15.8 | 14.7 | 311.6 | 38.1 | 36.6 | 35.6 | 35.2 | 311.1 | 34.6 |
| 24321 | Hardwood plywood..... | 1.0 | .9 | .8 | 1.0 | .6 | .6 | .5 | .6 | .3 |
| 24322 | Softwood plywood, interior type..... | 1.6 | 1.3 | 1.2 | 1.7 | .5 | .7 | .6 | 1.2 | .6 |
| 24323 | Softwood plywood, exterior type..... | 4.0 | 2.5 | 2.3 | 1.7 | 1.6 | 1.2 | 1.1 | 1.6 | 1.1 |
| 24324 | Nonwood face plywood..... | 1.4 | 1.0 | 3.2 | 3.2 | 3.3 | 3.4 | 3.2 | 3.3 | 3.2 |
| 24325 | Veneer, hardwood..... | 6.8 | 8.2 | 7.1 | 4.5 | 3.5 | 2.8 | 2.8 | 2.9 | 2.4 |
| 24326 | Veneer, softwood..... | 1.1 | .8 | .7 | .7 | 1.2 | 1.2 | .9 | .6 | 1.0 |
| 2433 | Prefabricated wood products..... | 1.3 | 1.6 | 1.5 | .7 | 1.2 | 1.2 | .9 | .6 | 1.0 |
| 2441-3 | Wood boxes, crates, and veneer and plywood containers..... | 1.9 | 1.5 | 2.0 | 1.9 | 2.8 | 2.4 | 2.0 | 1.6 | 2.4 |
| 2445 | Cooperage..... | .7 | .8 | .6 | .4 | .3 | .4 | .5 | .4 | .4 |
| 2499 | Wood products, n.e.c..... | 23.9 | 22.3 | 24.3 | 20.6 | 20.3 | 21.1 | 21.6 | n.a. | n.a. |
| 24991 | Mirror and picture frames..... | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| 24992 | Pallets and skids..... | 1.9 | 1.3 | 19.9 | 16.9 | 16.6 | 18.0 | 17.4 | 8.3 | 13.7 |
| 24995 | Wood products, n.e.c..... | 16.6 | 16.7 | (³) | (³) | (³) | (³) | (³) | (³) | (³) |
| 24993 | Particleboard..... | .2 | .1 | 2.0 | 1.9 | 2.4 | 1.8 | 2.9 | 3.9 | 4.0 |
| 24994 | Cork products..... | 1.8 | 1.6 | 2.5 | 1.8 | 1.3 | 1.3 | 1.3 | 1.2 | n.a. |
| 24996 | Hard pressed wood fiberboard..... | 3.3 | 2.5 | 2.5 | 1.8 | 1.3 | 1.3 | 1.3 | 1.2 | n.a. |
| | FURNITURE AND FIXTURES | | | | | | | | | |
| 25 | Furniture and fixtures, total..... | 43.6 | 38.6 | 35.8 | 33.2 | 32.1 | 34.3 | 37.9 | 40.0 | 41.3 |
| 2514 | Metal household furniture ⁴ | 5.1 | 5.3 | 4.2 | 3.9 | 3.9 | 4.6 | 5.3 | 5.8 | 6.1 |
| 25153 | Bedsprings..... | .6 | .6 | 1.0 | .9 | 1.0 | .9 | .9 | 1.1 | .9 |
| 2522 | Metal office furniture..... | 9.1 | 7.4 | 5.8 | 5.0 | 5.6 | 5.7 | 6.1 | 7.3 | 8.0 |
| 25912 | Venetian blinds..... | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 2.1 | 2.6 | 2.4 | 2.6 |
| 2500 | Miscellaneous furniture and fixtures, n.e.c. ⁵ | 27.4 | 24.1 | 23.5 | 22.0 | 20.0 | 21.0 | 23.0 | 23.4 | 28.7 |

X--Not applicable. Z--Less than \$0.05 million or 0.5 percent. n.a.--Not available.

¹Exports of hewn crosssties (part of code 2411) are included with code 2421.²1964 and earlier years do not include wood chips (in code 2411); exports of \$4.5 million in 1966 and \$1.9 million in 1965.³Particleboard (code 24993) included with code 24324; 1966 value was \$0.2 million and \$0.1 million in 1965.⁴Includes ironing boards; excludes some cabinets.⁵Exports cover products primarily in this major group but not comparable to output at more detailed levels.

Revised.

Appendix I.—Industry Definitions

| SIC code | Industry title and description (s = Specialization ratio; C = Coverage ratio) | | |
|----------|---|------|---|
| 24 | LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE | | |
| | This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes. Certain types of establishments producing wood products are classified elsewhere. For example, furniture, and office and store fixtures are classified in Major Group 25; pianos, musical instruments, toys and playground equipment, and caskets and coffins in Major Group 39. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in non-manufacturing industries. | | |
| 241 | LOGGING CAMPS AND LOGGING CONTRACTORS: | | |
| 2411 | Logging Camps and Logging Contractors (S-99; C-90).—Establishments primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials. Independent contractors engaged in estimating or trucking timber but who perform no cutting operations are classified in non-manufacturing industries. Logging and woods operations conducted in combination with sawmills, pulp mills, or other converting establishments, and not separately reported, are classified in their respective industry groups; namely, with sawmills in Industry Group 242, veneer and plywood mills in Industry Group 243, pulp mills in Major Group 26, and charcoal and wood distillation plants in Industry Group 286. Establishments primarily engaged in the collection of bark, sap, gum, and other forest byproducts are classified in nonmanufacturing industries. | 2429 | Special Product Sawmills, N.E.C. (S-98; C-49 ⁷).—Establishments primarily engaged in manufacturing wood chips, excelsior, wood shingles, and cooperage stock, and in sawing special products, n.e.c. |
| 242 | SAWMILLS AND PLANING MILLS: | | |
| 2421 | Sawmills and Planing Mills, General (S-89; C-95).—Establishments primarily engaged in sawing rough lumber and timber from logs and bolts, or re-sawing cants and flitches into lumber, including box lumber and softwood cut stock; planing mills combined with sawmills; and separately operated planing mills which are engaged primarily in producing surfaced lumber and standard workings or patterns of lumber. This industry includes establishments primarily engaged in sawing lath and railroad ties, and in producing tobacco hogshead stock and snow fence lath. Establishments primarily engaged in manufacturing box shook or boxes are classified in Industry Group 244; and sash, doors, wood molding, window and door frames, and other fabricated millwork in industry 2431; and hardwood dimension and flooring in industry 2426. Logging camps combined with sawmills, when not separately reported, are included in this industry. | 243 | MILLWORK, VENEER, PLYWOOD AND PREFABRICATED STRUCTURAL WOOD PRODUCTS: |
| | | 2431 | Millwork Plants (S-95; C-93).—Establishments primarily engaged in manufacturing fabricated millwork. Planing mills primarily engaged in producing millwork are included in this industry but planing mills primarily producing standard workings or patterns of lumber are classified in industry 2421. |
| | | 2432 | Veneer and Plywood Plants (S-92; C-94).—Establishments primarily engaged in producing commercial veneer, either face or technical, and those primarily engaged in manufacturing commercial plywood, including nonwood backed or faced veneer and nonwood faced plywood, from veneer produced in the same establishment or from purchased veneer. Establishments primarily engaged in manufacturing prefinished plywood from purchased plywood are also classified in this industry. Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products such as fruit and vegetable baskets are classified in industry 2443, and wood boxes in industries 2441 and 2442. |
| | | 2433 | Prefabricated Wooden Buildings and Structural Members (S-98; C-96).—Establishments primarily engaged in manufacturing prefabricated wooden buildings, sections, and panels; or in producing laminated or fabricated trusses, arches, and other structural members of lumber. Prefabrication on the site of construction is not included in this industry. |
| | | 244 | WOODEN CONTAINERS: |
| | | 2441 | Nailed and Lock Corner Wooden Boxes and Shook (S-85; C-83).—Establishments primarily engaged in manufacturing nailed and lock corner wooden boxes, and which also may produce shook for nailed and lock corner boxes. |
| | | 2442 | Wirebound Boxes and Crates (S-92; C-93).—Establishments primarily engaged in manufacturing wirebound boxes and crates. |
| | | 2443 | Veneer and Plywood Containers (S-90; C-79).—Establishments primarily engaged in manufacturing veneer and plywood containers, except boxes. This industry includes baskets made primarily of veneer and splint for shipping and marketing fruits and vegetables. |
| | | 2445 | Cooperage (S-97; C-99).—Establishments primarily engaged in manufacturing barrels, tubs, hogsheads, and other containers made of staves, except fruit and vegetable baskets (industry 2443). Establishments primarily engaged in manufacturing tobacco hogshead stock are classified in industry 2421, and those manufacturing cooperage stock in industry 2429. |
| 2426 | Hardwood Dimension and Flooring Mills (S-86; C-86).—Establishments primarily engaged in manufacturing hardwood dimension lumber and workings therefrom; and other hardwood dimension, semifabricated or ready for assembly; and hardwood flooring. Establishments primarily engaged in manufacturing stairwork, molding, and trim are classified in industry 2431, and those manufacturing textile machinery bobbins, picker sticks, and shuttles in industry 3552. | 249 | MISCELLANEOUS WOOD PRODUCTS: |
| | | 2491 | Wood Preserving (S-98; C-97).—Establishments primarily engaged in treating wood, sawed or planed in other establishments, with creosote or other preservatives to prevent decay and to protect against fire and insects. This industry also includes the cutting, treating, and selling of poles, posts, and piling, but establishments primarily engaged in manufacturing other |

wood products, which they may also treat with preservatives, are not included.

- 2499 Wood Products, N.E.C. (S-92; C-87).—Establishments primarily engaged in turning and shaping wood, and manufacturing miscellaneous wood products, n.e.c., such as lasts and related products, cork products, mirror and picture frames, particle board, hard pressed wood fiberboard and fabricated hardboard products.

The composition of this industry has been slightly changed for 1963, due to the transfer of hard pressed wood fiberboard (hardboard) and fabricated hardboard products to this industry. Prior to 1963, establishments primarily engaged in manufacturing hardboard were classified in industry 2661, and those primarily producing fabricated hardboard products were classified in industry 2649.

25 FURNITURE AND FIXTURES

This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of millwork are classified in industry 2431, and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

- 251 HOUSEHOLD FURNITURE: Establishments primarily engaged in making furniture to order of individual household consumers or primarily engaged in renovating furniture or mattresses are classified in nonmanufacturing industries. Establishments primarily engaged in making furniture parts (except wood frames or headboards) are not included in this group of industries but are generally classified in Major Group 24, Lumber and Wood Products or Major Group 34, Fabricated Metal Products. For example, furniture turnings are included in industry 2499, and furniture hardware, including casters are included in industry 3429.

- 2511 Wood Household Furniture, Except Upholstered (S-94; C-96).—Establishments primarily engaged in manufacturing wood household furniture commonly used in dwellings. This industry also includes the manufacture of wood kitchen cabinets on a factory basis, and camp furniture. Establishments primarily engaged in manufacturing upholstered furniture or wood frames for upholstered furniture are classified in industry 2512, and reed and rattan furniture in industry 2519. Plants primarily engaged in renovating or refinishing furniture are classified in trade industries and plants selling household furniture to household consumers through a retail store on the manufacturing premises are included in retail trade.

- 2512 Wood Household Furniture, Upholstered (S-92; C-92).—Establishments primarily engaged in manufacturing upholstered furniture on wood frames or wood frames for upholstered furniture. Shops primarily engaged in reupholstering furniture, or upholstering frames to individual order are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, convertible sofas, jackknife sofa beds, and chair-beds, are classified in industry 2515 regardless of the materials used in the frame.

- 2514 Metal Household Furniture (S-88; C-89).—Establishments primarily engaged in manufacturing metal household furniture of a type commonly used in dwellings, whether padded, upholstered, or plain.

Establishments primarily engaged in manufacturing dual purpose furniture, such as studio couches, sofa beds, and chair-beds are classified in industry 2515, regardless of the materials used in the frame.

- 2515 Mattresses and Bedsprings (S-90; C-90).—Establishments primarily engaged in manufacturing inner-spring mattresses, boxspring mattresses, and non-inner-spring mattresses containing felt, foam rubber, or any other filling material; and assembled wire springs (fabric, coil, or box) for use on beds, couches, and cots. This industry also includes establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair-beds, regardless of the material used in the frame. Establishments primarily engaged in manufacturing automobile seats and backs are classified in industry 2531; individual wire springs in industry 3481; and paddings and upholstery filling in industry 2293. Establishments primarily engaged in repair, renovating, etc., mattresses and bedsprings are classified in service industries.

- 2519 Household Furniture, N.E.C. (S-84; C-51).—Establishments primarily engaged in manufacturing reed, rattan, and other wicker furniture, and other household furniture, n.e.c.

252 OFFICE FURNITURE:

- 2521 Wood Office Furniture (S-90; C-87).—Establishments primarily engaged in manufacturing wood office furniture, whether padded, upholstered or plain.

- 2522 Metal Office Furniture (S-87; C-89).—Establishments primarily engaged in manufacturing metal office furniture, whether padded or plain. Establishments primarily engaged in manufacturing safes and vaults are classified in industry 3492.

253 PUBLIC BUILDING AND RELATED FURNITURE:

- 2531 Public Building and Related Furniture (S-85; C-85).—Establishments primarily engaged in manufacturing furniture for schools, theaters, assembly halls, churches, and libraries. Establishments primarily engaged in manufacturing seats for public conveyances, as well as seats for automobiles and aircraft, are included in this industry. Establishments primarily engaged in manufacturing stone furniture are classified in industry 3281, and concrete furniture in industry 3272.

254 PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES:

- 2541 Wood Partitions, Shelving, Lockers, and Office and Store Fixtures (S-94; C-89).—Establishments primarily engaged in manufacturing wood shelving, lockers, office and store fixtures, and prefabricated partitions, and related fabricated products.

- 2542 Metal Partitions, Shelving, Lockers, and Office and Store Fixtures (S-83; C-82).—Establishments primarily engaged in manufacturing metal shelving, lockers, office and store fixtures, prefabricated partitions, and related fabricated products.

259 MISCELLANEOUS FURNITURE AND FIXTURES, N.E.C.:

- 2591 Venetian Blinds and Shades (S-89; C-90).—Establishments primarily engaged in manufacturing Venetian blinds, regardless of the materials used, and shades except canvas shades and awnings, which are classified in industry 2394.

- 2599 Furniture and Fixtures, N.E.C. (S-86; C-70).—Establishments primarily engaged in manufacturing furniture and fixtures, n.e.c., including furniture especially designed for use in restaurants.

Appendix 2.—Explanatory Notes

CLASSIFICATION

The SIC

Data in this volume are classified within the framework of the Bureau of the Budget *Standard Industrial Classification* (SIC) of 1957. The purpose of the SIC is to provide a means for classifying establishments according to their primary activities, for the purpose of collection, tabulation, presentation and analyses of data relating to establishments.

The SIC identifies four-digit manufacturing industry codes in the following manner:

1. The first two digits identify the general type of activity,
e.g., The code 25 refers to the manufacture of "Furniture and Fixtures."
2. The third digit identifies a subgroup within the general type of activity,
e.g., 251 represents "Household Furniture."
3. The fourth digit identifies a specific industry within each subgroup,
e.g., 2511 identifies "Wood Household Furniture, except Upholstered,"
2512 "Wood Household Furniture, Upholstered,"
2514 "Metal Household Furniture."

In the *Annual Survey* and *Census of Manufactures*, each manufacturing establishment is assigned a four-digit code which reflects the primary activity of that establishment. Data collected in these surveys can then be tabulated at the 2-, 3-, or 4-digit levels of the SIC depending on the type of information to be shown. In this publication, table 1 of Section I and tables 1, and 2 of Section II show data at the two-digit level. Tables 2-5 of Section I and 3, 4, and 5 in Section II present data at the four-digit level of the SIC. In all these cases, the data shown represent totals for establishments classified with the same SIC code (i.e., the same first two digits or the same four digits).

Product Classes

To provide more detailed information on product shipments, the Census Bureau has added a fifth digit to the four-digit SIC code described above. Continuing the above example, within the four-digit industry classification 2241 for "Narrow Fabrics and Other Smallwares Mills: Cotton, Wool, Silk and Man-made Fibers," the Census Bureau has developed a series of product classes such as:

25111 "Radio, Phonograph and Television Wood Cabinets."

25112 "Other Wood Living Room Furniture, etc."

25113 "Wood Dining Room and Kitchen Furniture."

The data in tables 6 and 7 of Section I and tables 6-8 of Section II are reported, with some modifications, on the basis of the five-digit product class codes. It is essential to note that the product class codes differ from the SIC, in that their purpose is not to classify establishments but rather to classify groups. The codes assigned to these product classes are based on the industries to which they are primary.

Data reported on a product-class basis reflect the total shipments of products (wherever made), rather than the characteristics of establishments that are primarily engaged in making those products.

Modification of Product Class Codes

In table 7 of Section I and table 6 of Section II certain modifications have been made in the product classes developed by the Census Bureau; in order to:

1. Adjust for changes in product class definitions since 1958, and
2. Adjust for the fact that similar products are produced in and are defined as primary to more than one industry.

The first type of adjustment was made in those cases where more detailed product classes have been established since 1958. In this publication, the data for the new product classes have been combined, in order to present comparable data since 1958 rather than for just 1965 and 1966. A five-digit code ending in "A," "B," or "C" identifies this type of combination.

The second type of adjustment was made in those cases where the same product class is primary to more than one industry. This combined total is shown in the four-digit product group in which the largest proportion of the total is produced. A five-digit code ending in "U, V, W, X, Y, or Z" identifies this type of combination. For the other product classes included, the original code is shown; a double dash (-) is shown in the data fields and the reader is referred to the appropriate combination.

As a result of the adjustment made for products being classified as primary to more than one industry, data are not shown for those four-digit product groups which include one or more of these product classes.

These two types of modifications have been carried out in order to present comparable data for all years, 1958 to 1966, and to show data, to the greatest degree possible, on a wherever made basis.

DEFINITIONS

General Statistics

The so-called general statistics refer to the basic statistical series on number of establishments, number of companies, employment, payroll, production workers, wages, man-hours, value added, value of shipments and capital expenditures, that are tabulated on the two-digit and four-digit SIC levels in this publication. As mentioned above, these series are developed by aggregating data for establishments that engage primarily in the same types of activities. The following definitions of terms, used in reporting general statistics, apply to data shown in tables 1-5 of Section I and tables 1-5 of Section II.

NUMBER OF ESTABLISHMENTS: The total number of establishments that are classified with the same SIC code, be it at the two-, or four-digit level of the SIC.

NUMBER OF COMPANIES: The total number of companies with at least one establishment classified in a given SIC code (reported at the four-digit level only).

TOTAL EMPLOYMENT: All full-time and part-time employees on the payrolls of operating manufacturing establishments who worked or received pay for any part of the pay period ended nearest the 15th of selected months. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. All plant employees, including plant officials, are included except proprietors and partners of unincorporated firms.

Total employment generally consists for "production workers" of an average of four monthly figures for March, May, August, and November plus for "all other employees" the mid-March figure.

PRODUCTION WORKERS: All workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plants' own use (e.g., power plant) record keeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level are excluded from this category.

ALL OTHER EMPLOYEES: This figure can be derived by subtracting production workers from

total employment. Nonproduction personnel of the manufacturing establishment, including those engaged in the following activities: Factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.); professional, and technical. Also included are employees on the payroll of the manufacturing establishment who are engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

PAYROLL: This total represents gross wages and salaries paid in the calendar year to all employees on the payroll of operating manufacturing establishments, following the definition of payrolls used for calculating the Federal withholding tax. Included are all forms of compensation, such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deduction as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of the Armed Forces and pensioners carried on the active payrolls of manufacturing establishments.

PRODUCTION WORKER MAN-HOURS: All plant man-hours of production workers as defined above, represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours). The total excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported.

WAGES: Gross earnings paid in the calendar year to all production workers on the payrolls of operating manufacturing establishments.

VALUE OF SHIPMENTS: Dollar amounts of the received or receivable net selling values, f.o.b. plant, after discounts and allowances, and excluding freight charges and excise taxes. However, where the products of an industry are customarily delivered by the manufacturing establishment (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered prices of the goods.

Value of production data rather than shipments are collected in several instances where value of shipments does not provide a good measure of activity, and where information regarding the value of production is readily reportable.¹ For certain large lead time products (e.g., aircraft) value of work done is substituted.

The value of shipments shown for a product class may differ from the value of production of that class because of inventory changes during the year. In addition, the shipments data do not reflect the output of products produced and used for further processing in the same plant.

Included in value of shipments are: All items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment; receipts for contract work; and receipts for such miscellaneous activities as sale of scrap and refuse, installation work by plant employees, research and development, and repair work. The net selling value of products made in one plant on a contract basis from materials owned by others was reported by the plant providing the materials. The value of products bought and re-sold without further processing (merchandising) was reported separately and is included in the value of shipments totals for each industry, but are not included in product class totals.

For multi-unit companies, the value of products transferred to other establishments of the same company (i.e., other manufacturing plants, separate sales branches, or retail stores) was tabulated as though each establishment were a separate economic unit. Included in "value of interplant transfers within the company" are not only the direct costs of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

VALUE ADDED: This measure is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments of products manufactured plus receipts for services rendered. The result of this calculation is then adjusted by the addition of value added by merchandising operations (that is the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process inventories between the beginning and end of the year.

"Value added" avoids the duplication in the "value of shipments" figure which results from the use of products of some establishments as materials by others. Consequently, it is useful for comparing the relative economic contribution of the manufacturing process among industries and geographic areas.

CAPITAL EXPENDITURES: For establishments in operation and establishments under construction but not yet in operation, these data include expenditures for (a) permanent additions and major alterations to manufacturing establishments, and (b) new machinery and equipment used for replacement purposes and additions to plant capacity, if these are of the type for which depreciation accounts are ordinarily maintained.

These totals exclude that portion of expenditures for new facilities and equipment leased from non-manufacturing concerns, new facilities owned by the Federal Government but operated under contract by private companies, and plant and equipment furnished to the manufacturer by communities and organizations. Expenditures for used plant and equipment, expenditures for land, and costs of maintenance and repairs charged as current operating expense are also omitted.

Ratios

A number of ratios have been computed based on the general statistics on industries. The following definitions of ratios apply to table 1 in Section I and tables 1 and 4 in Section II:

VALUE ADDED AS PERCENT OF SHIPMENTS: Computed by dividing "value of shipments" into "value added." The resulting percentage shows the new production contribution of an industry to its value of shipments. The complement of that percentage (100.0 minus the percentage), which is not shown, would be an approximation of the importance of the cost of materials of the industry.

PAYROLL PER EMPLOYEE: Computed by dividing "total employment" into "payroll." The resulting dollar figure is a measure of the average annual payroll of employees in an industry. It should be noted that "payroll" is an actual record of the amount of money paid to employees in a given year, while "total employment" is an estimate based on four months' data for that year.

WAGES PER PRODUCTION WORKER: Computed by dividing "production workers" into "wages." It is a measure of the annual wages of wage earners in an industry. As in the case of "payroll per employee," it should be noted that the dollar figure, for "wages" is an actual record of amount paid, while "production workers" is estimated by averaging data for four months of the year.

VALUE OF SHIPMENTS PER PRODUCTION WORKER: Computed by dividing "production workers" into "value of shipments." It is important to note that the "value of shipments" may be affected by several factors, such as cost of materials and the importance of receipts and payments for contract work, which have little or no relationship to the number of production workers.

VALUE ADDED PER PRODUCTION WORKER: Computed by dividing "production workers" into "value added." Since there are fewer factors in

¹This applies to the following codes:

| <u>SIC</u> | <u>Description</u> |
|-----------------|--|
| 203 (exc. 2034) | Canned and preserved fruits, vegetables, and sea foods, except dried and dehydrated fruits and vegetables. |
| 2085 | Distilled, rectified, and blended liquors. |
| 21 | Tobacco manufactures. |

"value added" than in "value of shipments" that are unrelated to the number of production workers, this measure permits better comparisons of average net contributions of the production process per production worker among industries, areas, and establishments. This ratio does not express the contribution of each production worker to the manufacturing process exclusive of the contribution of the other factors of production but rather expresses a numerical measure of the relationship between the two parameters.

VALUE ADDED PER DOLLAR OF WAGES: Computed by dividing "wages" into "value added." The resulting ratio measures the relative importance of "wages" to net contribution of the whole manufacturing process to dollars of wages paid to the labor factor of production.

WAGES PER PRODUCTION WORKER MAN-HOUR: Computed by dividing "man-hours" into "wages." The resulting dollar figure is a rough measure of average hourly earnings. It is not a measure of the wage rate since "wages" includes premium payments for overtime as well as vacation and sick leave pay, bonuses, etc.

ANNUAL MAN-HOURS PER PRODUCTION WORKER: Computed by dividing "production workers" into "man-hours."

In table 2 of Section II, two ratios have been computed. The ratios relate average capital expenditures (1963-65) to averages for the two other parameters—value added and production workers. The average annual capital expenditures divided by average annual value added in the first ratio and divided by average annual production worker employment for 1963-65 in the second. Averages were used in calculating ratios because capital expenditures tend to be highly variable on an annual basis.

Product Class Statistics

Data are available on domestic shipments, imports and exports by five-digit product class. The following definitions of terms refer to product class data reported in tables 6 and 7 in Section I and tables 6-8 in Section II.

VALUE OF SHIPMENTS: On a "product" basis represents the total value of shipments of classes of products, wherever made. They include not only shipments of these products by the industry in which they are primary, but also shipments as secondary products, by establishments in other manufacturing industries.

Dollar amounts shown are the received or receivable net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. However, where the products are customarily delivered by the manufacturing establishment, the value of shipments is based on the delivered price of goods. As mentioned in an earlier section, value of production is reported in several areas where value of shipments does not provide a good measure of activity.

There is a very important distinction between the industry and product value of shipments. This distinction is reflected at the four-digit level in industry tables (2 and 4 in Section I, 4 in Section II) and in product class tables (6 in Section I, 6 in Section II). For example, 1966 value of shipments for Millwork (SIC 2431) are shown in table 4 of Section II as \$1,345 million while in table 6 of that same section Millwork shipments appear as \$1,205 million. The difference is accounted for by the fact that the industry shipments are based on total shipments of establishments classified in an industry and therefore includes not only shipments of primary products of that industry, but also shipments of other products and other receipts from contract work, resales, etc. The product shipments represent only shipments of primary products, including those made by establishments not in the industry to which the products are primary.

IMPORTS: The dollar value shown for imports is defined ordinarily as the market value in the foreign country and excludes U.S. import duties, transportation, insurance and similar costs. In some cases, imports may be valued at the "American Selling Price." In practice, only the values reported for imports subject to an ad valorem rate of duty (approximately 10 to 15 percent of U.S. imports) tend to conform to this definition. For other imports, the reported values may inadvertently include ocean freight or related costs.

EXPORTS: The dollar value of exports is defined at the point of exportation. Included are the selling price, or cost if not sold, and expenditures for freight, insurance, and other costs to the exportation point.

SOURCES AND LIMITATIONS OF DATA

Sources

The statistical data in this publication are derived directly or indirectly from various Bureaus of the Census publications.

All tables, except Section II, tables 7, and 8 are derived from the *Censuses of Manufactures* for 1958 and 1963 and the *Annual Surveys of Manufactures* for 1959-62 and 1964-66.

Imports and exports shown in tables 8 and 9 of Section II are taken directly from a Census Bureau publication titled, *U.S. Commodity Exports and Imports as Related to Output*.

Methods of Compilation

Most of the data were collected as part of the *Census of Manufactures* and *Annual Survey of Manufactures* programs. Data for 1958 and 1963, except foreign trade and input-output data, are based on reports covering all manufacturing establishments, and represent, therefore, the most accurate across-the-board information available on U.S. manufacturing activity. Data for 1959-62 and 1964-

66 are estimates based upon reports received from a probability sample of all manufacturing establishments. The estimates obtained from the sample will vary from the totals that would have been obtained from a complete canvass of all manufacturing establishments. The relative magnitude of the sampling variation is indicated in the *Annual Survey of Manufactures* publications under the caption "standard error of estimate." These standard errors are not shown in this report. However, where the standard error of estimate is 15 percent or more, for industry data the figures are indicated as not available (n.a.) and in the case of product classes, an asterisk (*) preceding the data is used to identify years in which the standard error is 15 percent or more.

In using the time series on industries or product classes, it is important to note that both the data in any given year other than 1958 or 1963 as well as the year-to-year changes will be influenced in part by sampling variability.

Import and export data may be affected in some commodity areas by the fact that low valuation transactions are not included. Commodity information is not collected for individual import and export shipments valued under \$100 or for imports on informal entries. Informal entries, by definition, contain only items valued at not more than \$250. This does not seriously understate the published data.

Another problem with foreign trade data arises from the fact that in many cases the classification and valuation of products to be imported or exported is done basically by the importer, exporter, or a designated representative. Inaccuracies, particularly with respect to export data, may occur through such errors in classification.

Price Changes

In using time series based on dollar valuation, it should be remembered that none of the data have been adjusted for changes in prices. Therefore, the real growth in shipments for a given item, for example, during any period may be understated or overstated relative to other products or items.

Changes in Product Mix

Although the classification of industry and product statistics presented in this publication changed little during the period covered, there were some substantial shifts in the relative importance of products within industries or product classes. The characteristics of an industry may have changed substantially during the 1958-66 period as a result of such changes in the product mix. Related changes in types of processes or materials used may also significantly effect the meaningful comparison of an industry or product class over time. For analysis of changes in product mix, data on individual products are available on a continuing basis for many products from the *Current Industrial Reports*

series of the Bureau of the Census and for all products in years for which a complete *Census of Manufactures* is conducted.

Duplication in Shipments Data

The value of shipments data shown in this publication may contain extensive duplication, particularly at the two-digit SIC level. This occurs because the shipments of one four-digit industry (Wool Yarn Mills) become the "materials" of another four-digit industry (e.g., Weaving and Finishing Mills). At the two-digit SIC level the value of shipments of the yarn is counted twice. This problem also occurs at the four-digit SIC and five-digit product class levels to a lesser extent. For example, where parts are classified with the equipment of which they are a part, shipments of the parts by parts manufacturers to equipment manufacturers would be double counted.

Growth Rankings

Tables 4, 6, and 7 of Section I present rankings of industries and product classes based on the growth in value of shipments between 1958 and 1966. These rankings should be used with caution for several reasons already mentioned, including sampling errors, price changes, etc. In addition, it should be noted that the rankings are not complete because 1958 data were not available in some cases. For this reason, some of the rapidly growing plastics products are excluded from tables 6 and 7 in Section I.

Comparing Exports, Imports, and Shipments

Caution should be used in comparing product class shipments with imports and/or exports as reported in tables 6-8 of Section II. As was mentioned earlier, the methods of valuation used are substantially different. Shipments are valued at f.o.b. plant, exports at f.o.b. port of exportation, and imports at f.o.b. foreign port of exportation. Other reasons for using caution in comparing shipments, export and imports include:

- a. Shipments as described above may include duplication that would overstate their value in relation to exports or imports
- b. Shipments in some areas are classified in not-specified-by-kind classes which can therefore understate shipments in other areas
- c. Shipments are subject to sampling variability in non-Census years and imports and particularly exports may be subject to error due to reporting procedures used
- d. Used commodities are included in exports and imports thereby slightly overstating these data relative to shipments.



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MARCH 1969

Foreword

Paper Manufacturing and Printing presents a statistical picture of economic developments in the paper and printing industries, and some comparable data for other manufacturing industries, for the period 1958 to 1966. Data are from the Bureau of the Census.

The publication consists of: A descriptive introduction covering each of the two industry groups; two series of tables presenting basic statistical data for these industries; and an appendix that provides detailed descriptions of industries covered and explanatory notes on the sources and use of the data. The statistical data are presented in two parts. Section I data show the size and growth of the paper and printing industries in relation to all manufacturing and to the largest and fastest growing manufacturing industries. Section II provides more detailed profiles of paper and printing manufacturing, including data on geographic distribution, product shipments and growth rates, and foreign trade.

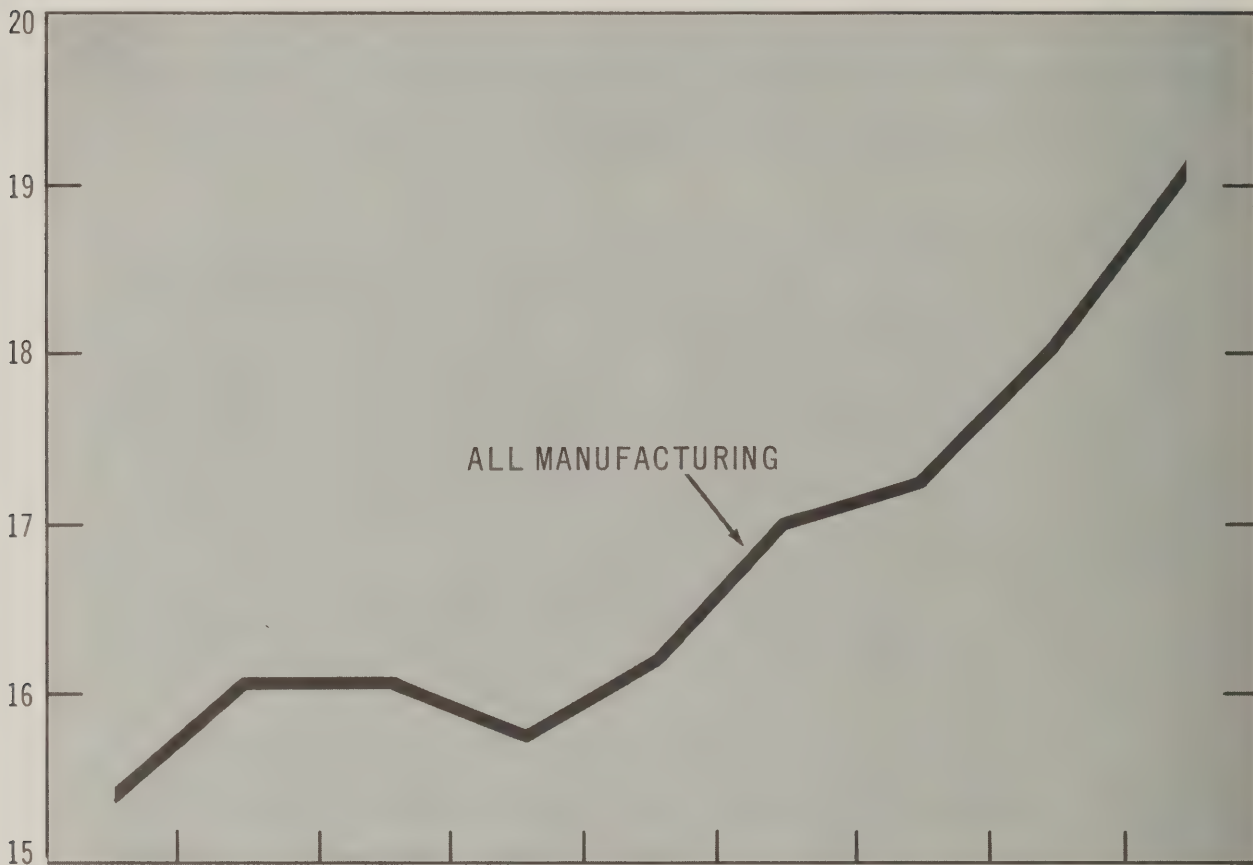
The Office of Industrial Analysis and Business Programs under Davis A. Portner, Assistant Administrator, BDSA, and Thomas E. Murphy, Program Assistant was responsible for the overall planning and preparation of the volume. Narrative and statistical materials were prepared under the supervision of David N. Cohen, Director; Richard Heimlich, David Wagner, Gloria Dickson and Dorothy Wagner of the Statistical Operations and Analysis Staff, with the cooperation of the Automatic Data Processing Division under Raymond J. Long, Director, Robert Kraft and Frank Jaffe of Automatic Data Processing Division. These materials were reviewed by the Office of Consumer Goods under Charles A. Lewis, Director.

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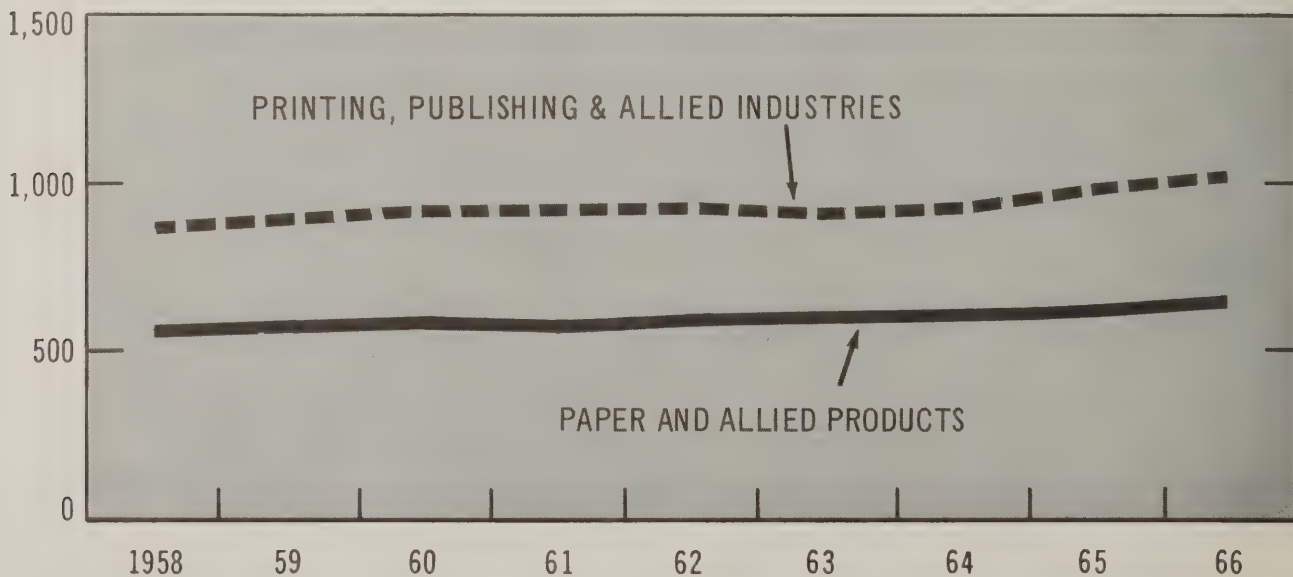
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EMPLOYMENT IN ALL MANUFACTURING PAPER AND PRINTING, 1958-1966

Millions of Employees



Thousands of Employees



TRENDS IN THE PAPER AND PRINTING INDUSTRIES ¹

Place in the Economy

Growth in the paper and printing industries from 1958 to 1966 was somewhat less than for all manufacturing industries. Value added by the manufacturing of paper and by printing rose 66% for both industry groups during these years while all manufacturing registered an increase of 78% in value added. Employment in these industry groups rose only 15% and 18%, respectively, during this period, less than the 24% rate of increase experienced in all manufacturing. In 1966, the paper and printing industries accounted for 4% and 5%, respectively, of all factory jobs and 4% and 5%, respectively, of value added by all manufacturing.

Growth in Paper and Allied Products Industries

Growth in the output of paper and paper products in the U.S. has, in most years, been closely related to the growth in disposable personal income. Between 1958 and 1966, disposable personal income, in current dollars, increased by 60% compared with the 66% gain in value added by paper manufacturing. Other major factors boosting consumption of paper have been the ever increasing industrial output of this country, rising population, the introduction of a number of new paper products, and advances in technology which have made paper more competitive with other materials. Increased advertising lineage and growth in the size of the reading public coupled with rising levels of education, also, have boosted consumption of newsprint and bookstock.

Large investments in continuous pulping, in faster and wider paper machines, in automatic process controls and other aspects of production have accounted for a substantial rise in labor productivity. Capital expenditures in SIC 26 have

grown 124%, from \$634 million in 1958 to \$1,422 million in 1966.

Some of the major problems hindering growth in the paper and allied products industries are rising manufacturing and distributing costs, shortages of skilled personnel, and excess world pulpmaking capacity.

The largest segment of SIC 26 is paper mills, except building (SIC 2621) which shipped some \$4.8 billion of products in 1966. This output made the industry thirteenth largest in the nation in 1966.

The fastest growing industries, in terms of shipments, in SIC 26 between 1958 and 1966 were: fiber cans, tubes, drums, etc. (SIC 2655) with an increase of 113%; die cut paper and board (SIC 2645) which increased 104%; pressed and molded pulp goods (SIC 2646) which increased 92%; and corrugated shipping containers (SIC 2653) with an increase of 77%.

Growth in Printing, Publishing and Allied Products Industries

Growth in the printing and publishing industries is tied to population increases, industrial expansion and rising personal income. More specifically, increased educational needs of the population and expanding school enrollment have boosted the demand for books; favorable postal rates have aided the development of the periodical publishing and mail advertising industries; increased needs for record keeping by local, state and Federal Governments, as well as individuals, have stimulated the demand for business forms; and increased advertising expenditures have increased newspaper volume as well as demand for commercial printing.

The largest segments of SIC 27 are commercial printing, except engraving (SIC 2751 and 2752), with receipts of almost \$6 billion in 1966, and newspapers (SIC 2711), with receipts of \$5.5 billion in 1966, making these industries the ninth and tenth largest, respectively, in the United States in terms of shipments. Newspapers and commercial printing, except engraving, were also the fifth and sixth largest industries, respectively, in the nation in terms of employment in 1966.

The fastest growing product groups in SIC 27 between 1958 and 1966 were manifold business forms, with an 112% increase; books (publishing and printing) with an 106% increase; engraving and plate printing which rose 105%, and lithographic printing which increased 98%.

¹ The paper and allied products industries (SIC Major Group 26) includes the manufacture of pulps from wood and other cellulose fibers and rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes, and envelopes.

The printing, publishing and allied products industries (SIC Major Group 27) includes both establishments which print, by one or more of the common processes such as letterpress, lithography, gravure or screen, and those which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. Also included are establishments publishing newspapers, books, and periodicals regardless of whether or not they do their own printing.

Geographic Concentration

Availability of raw materials (primarily soft wood timber) is the most important factor for the location of a pulp or paper plant. Availability of skilled labor and water resources are other very important considerations.

Establishments producing paper and allied products were located in at least 37 states in 1965. However, four states (New York, Wisconsin, Pennsylvania, and Ohio) accounted for 30% of total employment in SIC 26, in 1965, and 27% of value added. These states, plus six other large producing states (Illinois, Georgia, New Jersey, Massachusetts, California, and Michigan) accounted for 60% of total employment and 56% of total value added in SIC 26 in 1965.

The printing, publishing and allied industries, though found in every state, are highly concentrated in the largest cities of the United States. Five states alone—New York, Illinois, California, Pennsylvania, and Ohio—accounted for 50% of the total employment and 56% of value added by SIC 27 industries in 1965. Most of the output in these states was centralized in the cities of New York, Chicago, Los Angeles, Philadelphia, Cleveland, and Cincinnati.

Foreign Trade

Paper and allied products imports were twice the level of U.S. exports of these products in 1966. In 1966, the United States imported \$1.4 billion of paper and paper products, mostly newsprint from Canada. This represents a 48% increase over the \$948 million of these products imported in 1958. Exports, consisting primarily of linerboard and kraft paper to Europe and Latin America, amounted to \$669 million in 1966, an increase of 118% over 1958.

Printing, publishing and allied products exports, on the other hand, were almost three times the imports of these products in 1966. However, imports have been rising much faster (261% from 1958 to 1966) than exports, which rose 139% during the same period. Books and pamphlets, always the largest segment of SIC 27 imports, accounted for 64% of the approximately \$100 million of these products imported in 1966, more than four times the 1958 level. Books and pamphlets also accounted for the largest proportion of SIC 27 exports in 1966, amounting to \$122 million or approximately one-third of the total.

Description of Tables

Section I—Comparison With All Manufacturing

This section presents data that permit comparison of the paper and printing industries with all manufacturing and with other manufacturing areas. There are seven tables.

Table I-1 presents general profiles of all manufacturing and of the two industry groups, SIC 26 and SIC 27 for the period 1958 to 1966. The table shows 13 basic data series related to employment, payrolls, man-hours, value added by manufacture, capital expenditures and selected averages and ratios.

Tables I-2 and I-3, respectively, show the 50 largest industries in terms of shipments and employment in 1966. Tables I-4 and I-5, respectively, show the 50 fastest-growing industries between 1958 and 1966 in terms of shipments and employment. Paper and printing industries are underscored in each table. The value of shipments used in table I-4 for computing growth ratios between 1958 and 1966 is not adjusted for changes in prices and product mix. Industries that have experienced decreases or rapid increase in prices during this period may be substantially under- or over-stated

in terms of their growth relative to other industries. Also, data for industries that have undergone substantial changes in product mix due to technological changes, materials substitutions or similar factors, may be somewhat distorted.

Tables I-6 and I-7 trace product shipments for the 100 fastest-growing product groups and the 200 fastest-growing product classes, respectively. Once again, paper and printing products are underscored. The product groups and classes are ranked according to 1966/1968 growth ratios. As with the industry growth ratios described above, the growth ratios shown for product shipments have not been adjusted for changes in price or product mix. Also, certain adjustments have been made in order to derive comparable data for the 9-year period. For cases in which more detailed product classes have been broken out only in recent years, the data are shown on a total basis. Another adjustment is made for products primary to more than one industry, so that product shipments will reflect total shipments of a product wherever made.

See Appendix 2 for a more detailed explanation of these adjustments and more detailed definitions of terms used in Section I.

Section II—Profiles of Paper Manufacturing and Printing

This section presents detailed data on the paper and printing industries.

Table II-1a presents paper and allied products industry group data by state for the years 1958 and 1963 through 1965. Shipments data have been excluded because of the duplication in counting resulting from intermediate shipments between industries. Table II-1b presents similar data for printing and publishing.

In Table II-2a and table II-2b, capital expenditures and ratios relating capital expenditures to value added and to production workers are shown by state for the major industry groups 26 and 27. Data for 1958 and 1963, 1964, and 1965 are presented with totals shown for the 3-year period 1963-65.

Table II-3 shows the number of companies as well as the total number of establishments and those with 20 or more employees in the year 1963 for each four-digit industry.

Table II-4 presents general statistics selected ratios for the four-digit industries included in major industry groups.

Table II-5 ranks all paper and printing manufacturing industries by growth in value of shipments between 1958 and 1966. The same cautions given with respect to table I-4 should be heeded in using this table.

Table II-6 includes product shipments data and growth ratios for all four-digit product groups and five-digit product classes within the 26 and 27 groupings. The same limitations that applied to the product shipments data of Section I also apply

here; growth ratios have not been adjusted for changes in price or product mix. And, as noted above and explained in Appendix 2, certain adjustments have been made in the groupings and classes to derive comparable data for the 9-year period.

Tables II-7 and II-8 cover import and export data for the two-digit industry groups and all four-digit product groups and five-digit product classes for which import and export data are available.

For more detailed explanations of terms and methods used in compiling Section II tables, refer to Appendix 2.

Symbols

The key to symbols used in the tables is as follows:

| | |
|--------|--|
| n.a. | Not available. |
| n.c. | Not computed |
| n.s.k. | Not specified by kind. |
| n.e.c. | Not elsewhere classified. |
| * | Standard error of estimate of 15% or more. |
| ** | Data not shown because four-digit group includes one or more products primary to more than one industry. |
| — | Data for this product class which is primary to more than one industry, have been aggregated with data for the other product classes with the same definition (see product description for reference). |
| Z | Less than \$500,000. |
| D | Withheld to avoid disclosure of activities of individual firms. |

Section I.—Comparison With All Manufacturing

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, PAPER AND PRINTING, 1958-66

| Year | ALL MANUFACTURING | | | | | | |
|-----------|-----------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 15,393.8 | 73,749.7 | 11,644.2 | 22,632.6 | 49,503.8 | 141,270.3 | 9,075.8 |
| 1959..... | 16,058.7 | 81,148.4 | 12,260.4 | 24,432.5 | 54,658.7 | 160,991.6 | 9,012.3 |
| 1960..... | 16,124.1 | 83,547.2 | 12,179.0 | 24,135.8 | 55,452.1 | 163,230.8 | 9,968.1 |
| 1961..... | 15,744.9 | 83,692.4 | 11,794.5 | 23,325.9 | 54,803.2 | 164,614.0 | 9,415.9 |
| 1962..... | 16,174.8 | 89,926.8 | 12,138.8 | 24,306.9 | 59,176.8 | 179,322.8 | 9,983.9 |
| 1963..... | 16,961.9 | 99,714.3 | 12,232.4 | 24,512.0 | 62,014.4 | 191,911.3 | 11,397.3 |
| 1964..... | 17,268.5 | 106,048.1 | 12,403.3 | 25,245.5 | 65,838.9 | 206,193.6 | 13,287.2 |
| 1965..... | 18,047.6 | 114,143.2 | 13,058.8 | 26,577.5 | 71,376.3 | 226,974.5 | 16,606.6 |
| 1966..... | 19,066.0 | 125,458.8 | 13,810.4 | 28,220.3 | 78,283.4 | 251,013.9 | 20,234.3 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 4,791 | 4,251 | 12,132 | 2.854 | 2.187 | 1,944 |
| 1959..... | 5,053 | 4,458 | 13,131 | 2.945 | 2.237 | 1,993 |
| 1960..... | 5,182 | 4,553 | 13,403 | 2.944 | 2.298 | 1,982 |
| 1961..... | 5,316 | 4,646 | 13,957 | 3.004 | 2.349 | 1,978 |
| 1962..... | 5,560 | 4,875 | 14,773 | 3.030 | 2.435 | 2,002 |
| 1963..... | 5,879 | 5,070 | 15,689 | 3.095 | 2.530 | 2,004 |
| 1964..... | 6,141 | 5,308 | 16,624 | 3.132 | 2.608 | 2,035 |
| 1965..... | 6,325 | 5,466 | 17,381 | 3.180 | 2.686 | 2,035 |
| 1966..... | 6,580 | 5,668 | 18,176 | 3.206 | 2.774 | 2,043 |

| Year | PAPER AND ALLIED PRODUCTS SIC 26 | | | | | | |
|-----------|----------------------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 551.3 | 2,759.4 | 445.1 | 927.1 | 2,022.3 | 5,668.7 | 634.4 |
| 1959..... | 569.4 | 2,997.6 | 458.8 | 977.2 | 2,201.0 | 6,393.4 | 686.4 |
| 1960..... | 574.5 | 3,089.0 | 460.6 | 964.4 | 2,235.1 | 6,509.1 | 658.5 |
| 1961..... | 570.3 | 3,178.8 | 455.7 | 957.9 | 2,315.0 | 6,660.1 | 685.4 |
| 1962..... | 575.6 | 3,335.6 | 460.2 | 971.0 | 2,424.0 | 6,996.5 | 741.5 |
| 1963..... | 589.3 | 3,517.1 | 468.7 | 990.2 | 2,558.4 | 7,388.2 | 675.3 |
| 1964..... | 592.9 | 3,685.6 | 470.8 | 1,007.3 | 2,678.3 | 7,805.7 | 901.9 |
| 1965..... | 609.6 | 3,895.6 | 484.5 | 1,029.3 | 2,829.0 | 8,430.2 | 1,185.6 |
| 1966..... | 633.9 | 4,235.9 | 503.2 | 1,075.6 | 3,070.8 | 9,417.2 | 1,421.9 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 5,005 | 4,543 | 12,736 | 2.803 | 2.181 | 2,083 |
| 1959..... | 5,264 | 4,797 | 13,935 | 2.905 | 2.252 | 2,130 |
| 1960..... | 5,377 | 4,852 | 14,132 | 2.912 | 2.318 | 2,094 |
| 1961..... | 5,574 | 5,080 | 14,615 | 2.877 | 2.417 | 2,102 |
| 1962..... | 5,795 | 5,267 | 15,203 | 2.886 | 2.496 | 2,110 |
| 1963..... | 5,968 | 5,459 | 15,763 | 2.888 | 2.584 | 2,113 |
| 1964..... | 6,216 | 5,689 | 16,580 | 2.914 | 2.659 | 2,140 |
| 1965..... | 6,390 | 5,839 | 17,400 | 2.980 | 2.749 | 2,124 |
| 1966..... | 6,682 | 6,103 | 18,715 | 3.067 | 2.855 | 2,138 |

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, PAPER AND PRINTING, 1958-66--Con.

| Year | PRINTING, PUBLISHING AND ALLIED INDUSTRIES SIC 27 | | | | | | |
|-----------|---|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 864.6 | 4,489.2 | 530.6 | 997.8 | 2,595.7 | 7,973.2 | 421.5 |
| 1959..... | 884.7 | 4,811.7 | 552.5 | 1,053.5 | 2,798.9 | 8,788.3 | 402.9 |
| 1960..... | 907.3 | 5,065.3 | 560.4 | 1,082.3 | 2,935.0 | 9,341.6 | 419.6 |
| 1961..... | 912.9 | 5,200.6 | 558.6 | 1,075.2 | 2,982.6 | 9,551.3 | 414.1 |
| 1962..... | 921.8 | 5,411.2 | 565.9 | 1,084.2 | 3,101.1 | 9,997.5 | 436.0 |
| 1963..... | 910.9 | 5,486.4 | 558.8 | 1,080.6 | 3,180.4 | 10,460.6 | 449.3 |
| 1964..... | 935.0 | 5,847.6 | 569.7 | 1,123.6 | 3,349.5 | 11,192.1 | 464.5 |
| 1965..... | 982.4 | 6,269.2 | 597.3 | 1,156.3 | 3,574.9 | 12,098.8 | 542.8 |
| 1966..... | 1,017.6 | 6,751.1 | 619.1 | 1,208.7 | 3,831.5 | 13,264.5 | 708.5 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per produc- tion worker (dollars) | Value added per dollar of wages (dollars) | Wages per pro- duction worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|---|--|--|--|---|--|
| 1958..... | 5,192 | 4,892 | 15,027 | 3,071 | 2.601 | 1,881 |
| 1959..... | 5,439 | 5,066 | 15,906 | 3,140 | 2.657 | 1,907 |
| 1960..... | 5,583 | 5,237 | 16,669 | 3,183 | 2.712 | 1,931 |
| 1961..... | 5,697 | 5,339 | 17,099 | 3,202 | 2.774 | 1,925 |
| 1962..... | 5,870 | 5,480 | 17,666 | 3,224 | 2.860 | 1,916 |
| 1963..... | 6,023 | 5,691 | 18,720 | 3,289 | 2.943 | 1,934 |
| 1964..... | 6,254 | 5,879 | 19,646 | 3,341 | 2.981 | 1,972 |
| 1965..... | 6,382 | 5,985 | 20,256 | 3,384 | 3.092 | 1,936 |
| 1966..... | 6,634 | 6,189 | 21,425 | 3,462 | 3.170 | 1,952 |

Table I-2.--FIFTY LARGEST INDUSTRIES, RANKED BY 1966 VALUE OF SHIPMENTS*

| SIC code | Description | 1966 value of shipments (millions of dollars) |
|----------|--|--|
| 3717 | Motor Vehicles and Parts..... | 45,630 |
| 3312 | Blast Furnaces and Steel Mills..... | 21,193 |
| 2911 | Petroleum Refining..... | 18,742 |
| 2011 | Meat Packing Plants..... | 15,069 |
| 3721 | Aircraft..... | 9,000 |
| 3662 | Radio, TV Communication Equipment..... | 7,563 |
| 2026 | Fluid Milk..... | 7,435 |
| 2818 | Organic Chemicals, n.e.c..... | 6,541 |
| 275X | Commercial Printing, Except Engraving..... | 5,994 |
| 2711 | Newspapers..... | 5,520 |
| 2051 | Bread and Related Products..... | 5,007 |
| 3571 | Computing and Related Machines..... | 4,833 |
| 2621 | Paper Mills, Except Building..... | 4,805 |
| 3079 | Plastics Products, n.e.c..... | 4,658 |
| 3722 | Aircraft Engines and Parts..... | 4,572 |
| 2042 | Prepared Animal Feeds..... | 4,438 |
| 2834 | Pharmaceutical Preparations..... | 4,432 |
| 3522 | Farm Machinery and Equipment..... | 4,332 |
| 3651 | Radio and TV Receiving Sets..... | 4,092 |
| 3679 | Electronic Components..... | 4,002 |
| 2819 | Inorganic Chemicals, n.e.c..... | 3,845 |
| 3729 | Aircraft Equipment, n.e.c..... | 3,781 |
| 3531 | Construction Machinery..... | 3,768 |
| 1925 | Complete Guided Missiles..... | 3,767 |
| 3461 | Metal Stampings..... | 3,756 |
| 3011 | Tires and Inner Tubes..... | 3,716 |
| 3357 | Nonferrous Wire Drawing, etc..... | 3,711 |
| 2211 | Weaving Mills, Cotton..... | 3,562 |
| 2821 | Plastics Materials and Resins..... | 3,533 |
| 2421 | Sawmills and Planing Mills..... | 3,391 |
| 3861 | Photographic Equipment..... | 3,286 |
| 2033 | Canned Fruits and Vegetables..... | 3,216 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 3,139 |
| 3352 | Aluminum Rolling and Drawing..... | 3,100 |
| 2850 | Paints and Allied Products..... | 2,970 |
| 282X | Man-Made Fibers..... | 2,916 |
| 2653 | Corrugated Shipping Containers..... | 2,891 |
| 3599 | Miscellaneous Machinery..... | 2,865 |
| 2111 | Cigarettes..... | 2,860 |
| 2631 | Paperboard Mills..... | 2,853 |
| 3351 | Copper Rolling and Drawing..... | 2,846 |
| 2015 | Poultry Dressing Plants..... | 2,754 |
| 2086 | Bottled and Canned Soft Drinks..... | 2,735 |
| 3321 | Gray Iron Foundries..... | 2,728 |
| 2721 | Periodicals..... | 2,718 |
| 3585 | Refrigeration Machinery..... | 2,713 |
| 2082 | Malt Liquors..... | 2,700 |
| 3141 | Footwear, Except Rubber..... | 2,650 |
| 3411 | Metal Cans..... | 2,631 |
| 3441 | Fabricated Structural Steel..... | 2,602 |

*Paper and printing industries are underscored.

Table I-3.--FIFTY LARGEST INDUSTRIES, RANKED BY 1966 EMPLOYMENT*

| SIC code | Description | 1966 employment (thousands) |
|----------|---|-----------------------------|
| 3717 | Motor Vehicles and Parts..... | 799 |
| 3312 | Blast Furnaces and Steel Mills..... | 559 |
| 3662 | Radio, TV Communication Equipment..... | 377 |
| 3721 | Aircraft..... | 357 |
| 2711 | Newspapers..... | 333 |
| 275X | Commercial Printing Except Engraving..... | 326 |
| 3679 | Electronic Components..... | 234 |
| 2051 | Bread and Related Products..... | 232 |
| 3079 | Plastics Products, n.e.c..... | 224 |
| 2211 | Weaving Mills, Cotton..... | 209 |
| 3141 | Footwear, Except Rubber..... | 206 |
| 2421 | Sawmills and Planing Mills..... | 195 |
| 2335 | Dresses, Womens and Misses..... | 192 |
| 3729 | Aircraft Equipment, n.e.c..... | 190 |
| 3722 | Aircraft Engines and Parts..... | 188 |
| 2011 | Meat Packing Plants..... | 174 |
| 2026 | Fluid Milk..... | 169 |
| 3461 | Metal Stampings..... | 164 |
| 3599 | Miscellaneous Machinery..... | 164 |
| 1925 | Complete Guided Missiles..... | 164 |
| 2511 | Wood Furniture Not Upholstered..... | 160 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 144 |
| 3321 | Gray Iron Foundries..... | 141 |
| 3522 | Farm Machinery and Equipment..... | 137 |
| 3571 | Computing and Related Machines..... | 136 |
| 3731 | Ship Building and Repairing..... | 135 |
| 2621 | Paper Mills, Except Building..... | 135 |
| 2311 | Mens and Boys Suits and Coats..... | 134 |
| 3651 | Radio and TV Receiving Sets..... | 130 |
| 3531 | Construction Machinery..... | 121 |
| 3544 | Special Dies and Tools..... | 120 |
| 2086 | Bottled and Canned Soft Drinks..... | 118 |
| 2321 | Mens Dress Shirts and Nightwear..... | 113 |
| 3661 | Telephone Telegraph Apparatus..... | 113 |
| 3621 | Motors and Generators..... | 112 |
| 2911 | Petroleum Refining..... | 107 |
| 3429 | Hardware, n.e.c..... | 103 |
| 2221 | Weaving Mills, Synthetics..... | 103 |
| 2033 | Canned Fruits and Vegetables..... | 101 |
| 2834 | Pharmaceutical Preparations..... | 98 |
| 3441 | Fabricated Structural Steel..... | 97 |
| 225X | Hosiery..... | 96 |
| 2653 | Corrugated Shipping Containers..... | 96 |
| 2818 | Organic Chemicals, n.e.c..... | 96 |
| 2337 | Womens Suits, Coats and Skirts..... | 95 |
| 282X | Man-Made Fibers..... | 93 |
| 3011 | Tires and Inner Tubes..... | 93 |
| 3494 | Valves and Pipe Fittings..... | 92 |
| 2327 | Separate Trousers..... | 91 |
| 3443 | Boiler Shop Products..... | 91 |

*Paper and printing industries are underscored.

Table I-4.--FIFTY FASTEST GROWING INDUSTRIES, RANKED BY 1958-66 SHIPMENTS GROWTH*

| SIC code | Title | Value of shipments (millions of dollars) | | Ratio 1966/1958 |
|-------------|--|---|-------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 138 | 803 | 5.80 |
| 3672 | Cathode Ray Picture Tubes..... | 159 | 812 | 5.10 |
| 3674 | Semiconductors..... | 250 | 1,124 | 4.49 |
| 3571 | Computing and Related Machines..... | 1,104 | 4,833 | 4.38 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c..... | 200 | 829 | 4.15 |
| 2272 | Tufted Carpets and Rugs..... | 318 | 1,206 | 3.80 |
| 1951 | Small Arms, 30 mm. and Under..... | 79 | 274 | 3.46 |
| 3679 | Electronic Components..... | 1,195 | 4,002 | 3.35 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 97 | 321 | 3.33 |
| 3831 | Optical Instruments and Lenses..... | 103 | 332 | 3.23 |
| 3392 | Nonferrous Forgings..... | 99 | 311 | 3.16 |
| 3742 | Railroad and Street Cars..... | 562 | 1,696 | 3.02 |
| 3537 | Industrial Trucks and Tractors..... | 369 | 792 | 2.94 |
| 3399 | Primary Metal Industries, n.e.c..... | 141 | 399 | 2.83 |
| 1961 | Small Arms Ammunition..... | 167 | 468 | 2.79 |
| 3841 | Surgical and Medical Instruments..... | 130 | 360 | 2.76 |
| 3861 | Photographic Equipment..... | 1,205 | 3,286 | 2.73 |
| 3953 | Marking Devices..... | 60 | 162 | 2.71 |
| 3541 | Metal-Cutting Machine Tools..... | 680 | 1,826 | 2.69 |
| 3662 | Radio, TV Communications Equipment..... | 2,853 | 7,563 | 2.65 |
| 3651 | Radio and TV Receiving Sets..... | 1,548 | 4,092 | 2.64 |
| 2262 | Finishing Plants, Synthetic..... | 211 | 550 | 2.61 |
| 2519 | Household Furniture, n.e.c..... | 31 | 78 | 2.55 |
| 3622 | Industrial Controls..... | 413 | 1,049 | 2.54 |
| 3357 | Nonferrous Wire Drawing, etc..... | 1,466 | 3,711 | 2.53 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 95 | 240 | 2.53 |
| 2282 | Throwing and Winding Mills..... | 175 | 438 | 2.51 |
| 3799 | Transportation Equipment, n.e.c..... | 93 | 232 | 2.50 |
| 3499 | Fabricated Metal Products, n.e.c..... | 340 | 850 | 2.50 |
| 3079 | Plastics Products, n.e.c..... | 1,868 | 4,658 | 2.49 |
| 2295 | Coated Fabric, Not Rubberized..... | 247 | 595 | 2.41 |
| 3545 | Machine Tool Accessories..... | 511 | 1,230 | 2.41 |
| 3479 | Metal Coating, Engraving, etc..... | 196 | 469 | 2.39 |
| 3715 | Truck Trailers..... | 335 | 796 | 2.38 |
| 3565 | Industrial Patterns..... | 98 | 233 | 2.37 |
| 3536 | Hoists, Cranes and Monorails..... | 185 | 437 | 2.37 |
| 3791 | Trailer Coaches..... | 461 | 1,089 | 2.36 |
| 3341 | Secondary Nonferrous Metals..... | 724 | 1,709 | 2.36 |
| 3351 | Copper Rolling and Drawing..... | 1,210 | 2,846 | 2.35 |
| 2256 | Knit Fabric Mills..... | 487 | 1,144 | 2.35 |
| 3713 | Truck and Bus Bodies..... | 308 | 719 | 2.33 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c.)..... | 245 | 571 | 2.33 |
| 2327 | Separate Trousers..... | 452 | 1,042 | 2.30 |
| 2844 | Toilet Preparations..... | 1,059 | 2,431 | 2.29 |
| 3542 | Metal-Forming Machine Tools..... | 318 | 728 | 2.29 |
| 3559 | Special Industry Machinery, n.e.c..... | 761 | 1,731 | 2.27 |
| 3572 | Typewriters..... | 238 | 534 | 2.24 |
| 3569 | General Industry Machinery, n.e.c..... | 458 | 1,024 | 2.23 |
| 3451 | Metal Coating, Engraving, etc..... | 425 | 949 | 2.23 |
| 3694 | Engine Electrical Equipment..... | 607 | 1,342 | 2.21 |

*Paper and printing industries are underscored.

Table I-5.--FIFTY FASTEST GROWING INDUSTRIES, RANKED BY 1958-66 EMPLOYMENT GROWTH*

| SIC code | Title | Total employment (thousands) | | Ratio 1966/1958 |
|-------------|--|---------------------------------|------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 11 | 42 | 3.75 |
| 3674 | Semiconductors..... | 23 | 82 | 3.52 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c..... | 16 | 46 | 2.98 |
| 3672 | Cathode Ray Picture Tubes..... | 9 | 25 | 2.89 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 3 | 7 | 2.74 |
| 2272 | Tufted Carpets and Rugs..... | 12 | 28 | 2.45 |
| 3662 | Radio, TV Communications Equipment..... | 154 | 377 | 2.44 |
| 3831 | Optical Instruments and Lenses..... | 7 | 17 | 2.43 |
| 3679 | Electronic Components..... | 109 | 234 | 2.15 |
| 1961 | Small Arms Ammunition..... | 9 | 19 | 2.12 |
| 2519 | Household Furniture, n.e.c..... | 2 | 5 | 2.09 |
| 3791 | Trailer Coaches..... | 19 | 39 | 2.06 |
| 3392 | Nonferrous Forgings..... | 5 | 10 | 2.06 |
| 3799 | Transportation Equipment, n.e.c..... | 5 | 9 | 1.99 |
| 3651 | Radio and TV Receiving Sets..... | 67 | 130 | 1.96 |
| 3079 | Plastics Products, n.e.c..... | 116 | 224 | 1.93 |
| 1951 | Small Arms, 30 mm. and Under..... | 8 | 15 | 1.92 |
| 3499 | Fabricated Metal Products, n.e.c..... | 20 | 37 | 1.85 |
| 3399 | Primary Metal Industries, n.e.c..... | 10 | 18 | 1.83 |
| 3742 | Railroad and Street Cars..... | 24 | 44 | 1.80 |
| 3715 | Truck Trailers..... | 16 | 28 | 1.79 |
| 3537 | Industrial Trucks and Tractors..... | 15 | 26 | 1.78 |
| 2327 | Separate Trousers..... | 52 | 91 | 1.76 |
| 2256 | Knit Fabric Mills..... | 18 | 32 | 1.74 |
| 2295 | Coated Fabric, Not Rubberized..... | 10 | 18 | 1.74 |
| 3536 | Hoists, Cranes and Monorails..... | 10 | 16 | 1.73 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c..... | 12 | 20 | 1.73 |
| 3841 | Surgical and Medical Instruments..... | 10 | 18 | 1.71 |
| 3622 | Industrial Controls..... | 27 | 46 | 1.69 |
| 3571 | Computing and Related Machines..... | 81 | 136 | 1.68 |
| 2391 | Curtains and Draperies..... | 16 | 27 | 1.63 |
| 3699 | Electrical Products, n.e.c..... | 10 | 17 | 1.62 |
| 3479 | Metal Coating, Engraving, etc..... | 16 | 25 | 1.61 |
| 3953 | Marking Devices..... | 5 | 9 | 1.60 |
| 2843 | Surface Active Agents..... | 3 | 5 | 1.60 |
| 2892 | Explosives..... | 15 | 24 | 1.60 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 5 | 8 | 1.59 |
| 2399 | Textile Products, n.e.c..... | 18 | 28 | 1.58 |
| 3713 | Truck and Bus Bodies..... | 20 | 32 | 1.58 |
| 2037 | Frozen Fruits and Vegetables..... | 40 | 62 | 1.58 |
| 3497 | Metal Foil and Leaf..... | 4 | 5 | 1.56 |
| 2646 | Pressed and Molded Pulp Goods..... | 4 | 7 | 1.56 |
| 3931 | Musical Instruments and Parts..... | 16 | 25 | 1.56 |
| 3316 | Cold Finishing of Steel Shapes..... | 11 | 17 | 1.55 |
| 2339 | Womens Outerwear, n.e.c..... | 44 | 68 | 1.55 |
| 3872 | Watchcases..... | 3 | 4 | 1.54 |
| 2262 | Finishing Plants, Synthetic..... | 16 | 25 | 1.54 |
| 3635 | Household Vacuum Cleaners..... | 5 | 8 | 1.54 |
| 3634 | Electrical Housewares and Fans..... | 29 | 45 | 1.53 |
| 282X | Man-Made Fibers (Includes: 2823 Cellulosic Man-Made Fibers and 2824 Synthetic Organic Fibers, Except Cellulosic)..... | 61 | 93 | 1.52 |

*Paper and printing industries are underscored.

Table I-6.--ONE HUNDRED FASTEST GROWING PRODUCTS GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|------|---|-----------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 3674 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 2 | 3672 | Cathode Ray Picture Tubes, Including Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 3 | 3571 | Computing and Related Machines..... | 1,034 | 4,156 | 4.02 |
| 4 | 3679 | Electronic Components, n.e.c..... | 1,298 | 4,808 | 3.71 |
| 5 | 2272 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 6 | 3742 | Railroad and Street Cars..... | 529 | 1,658 | 3.14 |
| 7 | 3831 | Optical Instruments and Lenses..... | 115 | 361 | 3.12 |
| 8 | 3841 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 9 | 1961 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 10 | 1951 | Small Arms, 30 mm. and Under..... | 86 | 247 | 2.88 |
| 11 | 3541 | Metal-Cutting Machine Tools..... | 587 | 1,639 | 2.79 |
| 12 | 3537 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 13 | 3399 | Primary Metal Products, n.e.c..... | 150 | 408 | 2.71 |
| 14 | 3715 | Truck Trailers..... | 284 | 770 | 2.71 |
| 15 | 3861 | Photographic Equipment..... | 1,061 | 2,831 | 2.67 |
| 16 | 3651 | Radio and TV Receiving Sets..... | 1,482 | 3,875 | 2.62 |
| 17 | 3799 | Transportation Equipment, n.e.c..... | 100 | 260 | 2.60 |
| 18 | 2824 | Noncellulosic Organic Fibers..... | 748 | 1,939 | 2.59 |
| 19 | 3351 | Copper Rolling and Drawing Products..... | 1,034 | 2,655 | 2.57 |
| 20 | 2282 | Thrown and Wound Yarns, Excluding Wool..... | 199 | 504 | 2.54 |
| 21 | 3499 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 22 | 3392 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 23 | 3497 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 24 | 3545 | Machine Tool Accessories..... | 470 | 1,177 | 2.50 |
| 25 | 3479 | Metal Coating, Engraving, and Allied Services, n.e.c..... | 184 | 447 | 2.43 |
| 26 | 3542 | Metal-Forming Machine Tools..... | 283 | 680 | 2.41 |
| 27 | 3552 | Textile Machinery..... | 322 | 776 | 2.41 |
| 28 | 1925 | Complete Guided Missiles..... | 1,887 | 4,509 | 2.39 |
| 29 | 2295 | Coated Fabric, Not Rubberized..... | 245 | 582 | 2.37 |
| 30 | 2256 | Knit Fabrics..... | 462 | 1,092 | 2.36 |
| 31 | 3451 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 32 | 3559 | Special Industry Machines, n.e.c..... | 726 | 1,700 | 2.34 |
| 33 | 3953 | Hand Stamps, Stencils and Other Marking Devices..... | 59 | 137 | 2.33 |
| 34 | 3751 | Bicycles, Motorcycles, Motorbikes, Scooters, and Parts.... | 106 | 245 | 2.31 |
| 35 | 3361 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 36 | 3589 | Service Industry Machines, n.e.c..... | 222 | 510 | 2.30 |
| 37 | 3572 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 38 | 2844 | Toilet Preparations..... | 1,126 | 2,545 | 2.26 |
| 39 | 3713 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 40 | 2655 | Fiber Cans, Tubes, Drums, etc..... | 189 | 424 | 2.24 |
| 41 | 3622 | General Industry Power Circuit Devices and Controls..... | 447 | 1,002 | 2.24 |
| 42 | 3717 | Motor Vehicles and Parts..... | 19,863 | 44,579 | 2.24 |
| 43 | 3322 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 44 | 3536 | Hoists, Cranes and Monorails..... | 166 | 360 | 2.18 |
| 45 | 3585 | Refrigeration Machinery..... | 1,435 | 3,130 | 2.18 |
| 46 | 3323 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 47 | 3693 | X-Ray Equipment, Including X-ray Tubes and Electrothera- peutic Apparatus..... | 73 | 156 | 2.13 |
| 48 | 2761 | Manifold Business Forms..... | 374 | 794 | 2.12 |
| 49 | 2385 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 50 | 2522 | Metal Office Furniture..... | 273 | 572 | 2.09 |
| 51 | 3562 | Ball and Roller Bearings..... | 637 | 1,331 | 2.09 |
| 52 | 2327 | Men's, Youths', and Boys' Separate Trousers, Excluding Work..... | 436 | 906 | 2.08 |
| 53 | 3362 | Copper and Copper-Base Alloy Castings..... | 223 | 464 | 2.08 |
| 54 | 3229 | Pressed and Blown Glass, n.e.c..... | 448 | 928 | 2.07 |
| 55 | 2731 | Books, Publishing and Printing..... | 1,011 | 2,081 | 2.06 |

See footnote at end of table.

Table I-6.--ONE HUNDRED FASTEST GROWING PRODUCTS GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 56 | 3623 | Electric Welding Apparatus..... | 233 | 481 | 2.06 |
| 57 | 2753 | Engraving and Plate Printing..... | 94 | 192 | 2.05 |
| 58 | 3291 | Abrasive Products..... | 400 | 818 | 2.05 |
| 59 | 3566 | Power Transmission Equipment..... | 623 | 1,274 | 2.05 |
| 60 | 3569 | General Industrial Machines, n.e.c..... | 467 | 960 | 2.05 |
| 61 | 3871 | Watches and Clocks..... | 292 | 592 | 2.03 |
| 62 | 3565 | Industrial Patterns, Excluding Shoe..... | 121 | 244 | 2.02 |
| 63 | 3581 | Automatic Vending Machines..... | 131 | 264 | 2.02 |
| 64 | 3911 | Jewelry, Precious Metal..... | 287 | 580 | 2.02 |
| 65 | 2037 | Frozen Fruits, Fruit Juices, Vegetables, and Specialties.. | 916 | 1,842 | 2.01 |
| 66 | 2519 | Household Furniture, n.e.c..... | 35 | 71 | 2.01 |
| 67 | 3299 | Other Nonmetallic Mineral Products, n.e.c..... | 54 | 108 | 2.01 |
| 68 | 3369 | Nonferrous Castings, n.e.c..... | 233 | 468 | 2.01 |
| 69 | 3555 | Printing Trades Machinery..... | 273 | 550 | 2.01 |
| 70 | 3264 | Porcelain Electrical Supplies..... | 91 | 181 | 1.99 |
| 71 | 3629 | Electric Industrial Goods, n.e.c..... | 213 | 423 | 1.99 |
| 72 | 2752 | Printing, Lithographic..... | 1,366 | 2,702 | 1.98 |
| 73 | 3599 | Carburetors, Pistons, and Other Machine Shop Products..... | 1,118 | 2,217 | 1.98 |
| 74 | 3471 | Electroplating, Plating and Polishing..... | 350 | 688 | 1.97 |
| 75 | 3661 | Telephone Telegraph Apparatus..... | 1,079 | 2,125 | 1.97 |
| 76 | 2061 | Sugar Cane Mill Products and Byproducts..... | 159 | 310 | 1.96 |
| 77 | 2732 | Book Printing..... | 423 | 828 | 1.96 |
| 78 | 3634 | Electric Housewares and Fans..... | 544 | 1,068 | 1.96 |
| 79 | 3941 | Games and Toys, Excluding Dolls and Children's Vehicles... | 522 | 1,023 | 1.96 |
| 80 | 2394 | Canvas Products..... | 114 | 223 | 1.95 |
| 81 | 2521 | Wood Office Furniture..... | 71 | 138 | 1.95 |
| 82 | 2879 | Agricultural Pesticides, and Other Agricultural Chemicals | 348 | 673 | 1.94 |
| 83 | 3692 | Primary Batteries, Dry and Wet..... | 136 | 264 | 1.94 |
| 84 | 2818 | Organic Chemicals, n.e.c..... | 2,787 | 5,366 | 1.93 |
| 85 | 3531 | Construction Machinery..... | 1,996 | 3,829 | 1.92 |
| 86 | 3694 | Engine Electrical Equipment..... | 587 | 1,124 | 1.92 |
| 87 | 2815 | Intermediate Coal Tar Products..... | 788 | 1,509 | 1.91 |
| 88 | 3535 | Conveyors..... | 334 | 639 | 1.91 |
| 89 | 3544 | Special Dies and Tools..... | 1,320 | 2,520 | 1.91 |
| 90 | 2432 | Veneer and Plywood..... | 836 | 1,590 | 1.90 |
| 91 | 3532 | Mining Machinery and Equipment..... | 275 | 524 | 1.90 |
| 92 | 3452 | Bolts, Nuts, Washers and Rivets..... | 859 | 1,623 | 1.89 |
| 93 | 3582 | Commercial Laundry Equipment..... | 107 | 202 | 1.89 |
| 94 | 2087 | Flavorings..... | 523 | 981 | 1.88 |
| 95 | 2645 | Die-Cut Paper and Board..... | 265 | 497 | 1.88 |
| 96 | 2813 | Industrial Gases..... | 263 | 494 | 1.88 |
| 97 | 3576 | Scales and Balances..... | 71 | 134 | 1.88 |
| 98 | 3642 | Lighting Fixtures..... | 765 | 1,438 | 1.88 |
| 99 | 3519 | Internal Combustion Engines..... | 1,133 | 2,114 | 1.87 |
| 100 | 3567 | Industrial Furnaces and Ovens..... | 185 | 347 | 1.87 |

*Paper and printing industries are underscored.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|---|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 38612 | Photocopying, Microfilming, Blueprinting, Vandyke, and White Printing, Equipment..... | 58 | 549 | 9.53 |
| 2 | 33992 | Nonferrous nails, Brads, Tacks and Staples..... | 2 | 19 | 9.26 |
| 3 | 30792 | Foamed Plastic Products..... | 54 | 398 | 7.36 |
| 4 | 35593 | Plastics-Working Machinery and Equipment, Excluding Patterns and Molds..... | 51 | 265 | 5.21 |
| 5 | 24993 | Particle Board..... | 17 | 90 | 5.17 |
| 6 | 3717A | Combat Vehicles and Motor Vehicle and Parts, n.s.k. (Including 37174 and 37170)..... | 65 | 317 | 4.86 |
| 7 | 36795 | Other Electronic Components and Accessories, n.e.c..... | 685 | 3,275 | 4.78 |
| 8 | 24324 | Nonwood Face Plywood and Other Plywood Type Products, Except Particle Wood..... | 27 | 127 | 4.65 |
| 9 | 36622 | Radio and Television Broadcast Equipment and Closed Circuit Systems..... | 76 | 353 | 4.62 |
| 10 | 37323 | All Other Boats..... | 15 | 70 | 4.53 |
| 11 | 36740 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 12 | 36720 | Cathode Ray Picture Tubes, Including Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 13 | 24992 | Pallets and Skids..... | 43 | 188 | 4.35 |
| 14 | 38618 | Prepared Photographic Chemicals..... | 36 | 153 | 4.26 |
| 15 | 35485 | Other Metalworking Machinery..... | 18 | 67 | 3.80 |
| 16 | 37991 | Automobile Trailers, Excluding Housing Type Coaches..... | 23 | 86 | 3.80 |
| 17 | 34913 | All Other Barrels, Including Beer Barrels and Fluid Milk Shipping Containers..... | 15 | *54 | *3.70 |
| 18 | 35412 | Drilling Machines..... | 30 | 111 | 3.68 |
| 19 | 22720 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 20 | 2221V | Finished Man-Made Fiber and Silk Broad-Woven Fabrics (Including 22218 and 22628)..... | 158 | 550 | 3.49 |
| 21 | 22533 | All Other Knit Outerwear Products, n.e.c..... | 69 | 239 | 3.48 |
| 22 | 36621 | Commercial, Industrial, and Military Electronic Communication Equipment..... | 416 | 1,446 | 3.48 |
| 23 | 35422 | Presses, Including Forging Presses..... | 77 | 266 | 3.47 |
| 24 | 36793 | Resistors For Electronic Applications..... | 147 | 493 | 3.36 |
| 25 | 37314 | Ship Repair, U.S. Military..... | 124 | 413 | 3.33 |
| 26 | 28442 | Perfumes, Toilet Water, and Colognes..... | 103 | 341 | 3.29 |
| 27 | 34944 | Other Valves and Fittings, Excluding Plumbers' Brass Goods and Fittings..... | 152 | 494 | 3.26 |
| 28 | 35418 | Other Machine Tools (Including Those Designed For Home, Workshops, Laboratories, etc.)..... | 98 | 320 | 3.26 |
| 29 | 36512 | Household Television Receivers, Including Television Combinations..... | 727 | 2,357 | 3.24 |
| 30 | 33991 | Metal Powders and Paste..... | 55 | 178 | 3.23 |
| 31 | 3742A | Freight Train Cars, New Street Cars, and Parts (Including 37422 and 37423)..... | 516 | 1,649 | 3.20 |
| 32 | 35592 | Foundry Machinery and Equipment, Excluding Patterns and Molds..... | 53 | 168 | 3.19 |
| 33 | 27521 | Magazines and Periodicals..... | 66 | 210 | 3.17 |
| 34 | 35521 | Textile Machinery..... | 144 | 451 | 3.14 |
| 35 | 27523 | Catalogs and Directories..... | 76 | 233 | 3.09 |
| 36 | 35415 | Lathes, Metal Cutting..... | 99 | 303 | 3.07 |
| 37 | 38410 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 38 | 2282A | Thrown and Textured, Crimped or Bulked Filament Yarns, Including Stretch Yarns (Including 22823 and 22824)..... | 121 | 368 | 3.04 |
| 39 | 28184 | Pesticides and Other Organic Agricultural Chemicals (Not Formulations)..... | 96 | 293 | 3.04 |
| 40 | 37413 | Parts for Locomotives and Rebuilt Locomotives..... | 135 | 407 | 3.01 |
| 41 | 19610 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 42 | 27527 | Lithographic Plates Made For Others..... | 68 | 203 | 2.99 |
| 43 | 33511 | Copper and Copper-Base Alloy Wire (Bare and Tinned) For Purposes Other Than Electrical Transmission..... | 48 | 143 | 2.98 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 44 | 35419 | Parts For Metal Cutting Type Machine Tools Sold Separately and Rebuilt Machine Tools..... | 89 | 260 | 2.93 |
| 45 | 23963 | Other Trimmings and Findings..... | 56 | 163 | 2.92 |
| 46 | 33572 | Copper and Copper-Base Alloy Wire (Including Strand and Cable) Bare and Tinned, For Electrical Transmission..... | 156 | 454 | 2.90 |
| 47 | 27321 | Book and Pamphlet Printing and Book Binding (Lithographic Process)..... | 168 | 484 | 2.89 |
| 48 | 19510 | Small Arms, 30 MM and Under..... | 86 | 247 | 2.88 |
| 49 | 28423 | Specialty Cleaning and Sanitation Products..... | 181 | 520 | 2.86 |
| 50 | 36941 | Ignition Harness and Cable Sets..... | 29 | 82 | 2.83 |
| 51 | 23962 | Automobile and Furniture Trimmings..... | 161 | 450 | 2.80 |
| 52 | 39314 | Other Musical Instruments and Parts..... | 48 | 134 | 2.79 |
| 53 | 35370 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 54 | 27311 | Textbooks..... | 282 | 779 | 2.77 |
| 55 | 35612 | Hydraulic Fluid Power Pumps and Motors Vacuum Pumps..... | 77 | 212 | 2.76 |
| 56 | 22311 | Finished Wool Yarn, Tops, or Raw Stock Not Spun or Combed at Same Establishment..... | 27 | 75 | 2.75 |
| 57 | 24323 | Softwood Plywood, Exterior Type..... | 127 | 347 | 2.74 |
| 58 | 35414 | Grinding and Polishing Machines (Excluding Gear Tooth Grinding, Honing, Lapping, Polishing and Buffing Machines)..... | 89 | 245 | 2.74 |
| 59 | 37321 | Inboard Motor Boats..... | 76 | 208 | 2.74 |
| 60 | 36231 | Arc Welding Machines, Components, and Accessories, Excluding Electrodes..... | 66 | 179 | 2.72 |
| 61 | 3452A | Special Industrial Fasteners and Headed Products (Produced By Cold and Hot Heading Other Than Industrial Fasteners) (Including 34522 and 34523)..... | 179 | 486 | 2.71 |
| 62 | 37150 | Truck Trailers..... | 284 | 770 | 2.71 |
| 63 | 22952 | Resin-Coated Fabrics..... | 121 | 325 | 2.69 |
| 64 | 35361 | Hoists..... | 59 | 159 | 2.68 |
| 65 | 35623 | Mounted Bearings..... | 35 | 94 | 2.67 |
| 66 | 35893 | Commercial and Industrial Vacuum Cleaners, Including Parts and Attachments..... | 13 | *34 | *2.67 |
| 67 | 36624 | Electronic Navigational Aids (Excluding Missile Borne and Space Vehicle Borne Equipment)..... | 426 | 1,135 | 2.67 |
| 68 | 28134 | Elemental Gases and Compressed and Liquified Gases, n.e.c. | 130 | 345 | 2.65 |
| 69 | 35413 | Gear Cutting and Finishing Machines..... | 23 | 60 | 2.64 |
| 70 | 20373 | Frozen Prepared Foods and Soups..... | 319 | 838 | 2.63 |
| 71 | 32292 | Lighting and Electronic Glassware..... | 143 | 375 | 2.62 |
| 72 | 35451 | Small Cutting Tools For Machine Tools and Metalworking Machinery..... | 301 | 788 | 2.62 |
| 73 | 36792 | Capacitors For Electronic Applications..... | 184 | 478 | 2.60 |
| 74 | 32911 | Nonmetallic Artificial Sized Grains, Powders and Flour Abrasives..... | 39 | 101 | 2.59 |
| 75 | 33574 | Communication Wire and Cable..... | 365 | 948 | 2.59 |
| 76 | 33524 | Rolled Aluminum Rod, Bar, and Structural Shapes..... | 111 | 282 | 2.56 |
| 77 | 33512 | Rolled, Drawn, and Extruded Copper and Copper-Base Alloy Mill Products..... | 987 | 2,513 | 2.55 |
| 78 | 34990 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 79 | 26414 | Pressure Sensitive Tape..... | 183 | 465 | 2.53 |
| 80 | 33920 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 81 | 34970 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 82 | 35851 | Heat Transfer Equipment..... | 716 | 1,808 | 2.53 |
| 83 | 38611 | Still Picture Equipment..... | 179 | 454 | 2.53 |
| 84 | 32293 | Glass Fiber..... | 60 | 150 | 2.52 |
| 85 | 36794 | Coils, Transformers, Reactors, and Chokes For Electronic Applications..... | 192 | 484 | 2.52 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 86 | 36293 | Other Electrical Equipment For Industrial Use..... | 77 | 193 | 2.51 |
| 87 | 33577 | Magnet Wire..... | 183 | 458 | 2.50 |
| 88 | 26552 | Fiber Cans, Tubes and Other Fiber Products..... | 134 | 333 | 2.49 |
| 89 | 25111 | Radio, Phonograph, and Television Wood Cabinets..... | 114 | 283 | 2.48 |
| 90 | 25224 | Other Metal Office Furniture Including Tables, stands, etc..... | 34 | 85 | 2.48 |
| 91 | 34613 | Job Stampings, Automotive..... | 551 | 1,369 | 2.48 |
| 92 | 36214 | Prime Mover Generator Sets Excluding Steam or Hydraulic Turbine..... | 74 | 182 | 2.47 |
| 93 | 38423 | Personal Industrial Safety Devices..... | 56 | 139 | 2.47 |
| 94 | 26416 | Other Coated and Processed Paper, Except Wrappers..... | 135 | 332 | 2.46 |
| 95 | 35483 | Acetylene Welding and Cutting Apparatus..... | 38 | 94 | 2.46 |
| 96 | 36134 | Fuses and Fuse Equipment, Under 2,300 Volts..... | 31 | 76 | 2.46 |
| 97 | 28518 | Putty, Caulking Compounds and Allied Products..... | 65 | 160 | 2.45 |
| 98 | 20372 | Frozen Vegetables..... | 231 | 565 | 2.44 |
| 99 | 22562 | Circular Knit Fabrics..... | 245 | 598 | 2.44 |
| 100 | 27524 | Financial and Legal..... | 50 | 122 | 2.43 |
| 101 | 34790 | Metal Coating, Engraving and Allied Services, n.e.c..... | 184 | 447 | 2.43 |
| 102 | 38615 | Photographic Sensitized Film and Plates..... | 396 | 960 | 2.43 |
| 103 | 20515 | Pastries and Cookies..... | 40 | 97 | 2.42 |
| 104 | 24262 | Hardwood Dimension Stock, Furniture Parts, and Vehicle Stock..... | 103 | 248 | 2.41 |
| 105 | 28443 | Hair Preparations (Including Shampoos)..... | 316 | 761 | 2.41 |
| 106 | 36511 | Household and Automobile Radios, and Radio-Phonograph Combinations..... | 345 | 830 | 2.41 |
| 107 | 37172 | Truck Tractors, Truck Chassis and Trucks (Chassis of Own Manufacture)..... | 1,934 | 4,656 | 2.41 |
| 108 | 26462 | Other Pressed and Molded Pulp Goods..... | 51 | 122 | 2.40 |
| 109 | 27611 | Continuous Business Forms..... | 169 | 407 | 2.40 |
| 110 | 35453 | Other Attachments and Accessories For Machine Tools and Metalworking Machinery..... | 96 | 231 | 2.40 |
| 111 | 35857 | Other Refrigeration and Air Conditioning Equipment..... | 195 | 469 | 2.40 |
| 112 | 1925A | R and D on Guided Missiles and Space Vehicles and All Other Service on Complete Missiles and Space Vehicles (Including 19253 and 19255)..... | 986 | 2,353 | 2.39 |
| 113 | 19251 | Guided Missiles and Space Vehicles, Completed..... | 901 | 2,156 | 2.39 |
| 114 | 25222 | Desks..... | 66 | 158 | 2.38 |
| 115 | 38617 | Sensitized Photographic Paper and Cloth, Other Than Silver Halide Type..... | 82 | 196 | 2.38 |
| 116 | 2299A | Bonded Fiber Fabrics (Non-Woven Textiles) and Textile Goods, n.e.c., n.s.k. (Including 22991 and 22990)..... | 70 | 165 | 2.37 |
| 117 | 32316 | Other Glass Products, Made of Purchased Glass..... | 157 | 372 | 2.37 |
| 118 | 2253V | Knit Outerwear Sport Shirts (Including 22532, 23212, 23312 and 23612)..... | 219 | 517 | 2.36 |
| 119 | 32926 | Vinyl Asbestos Floor Tile..... | 67 | 157 | 2.36 |
| 120 | 3331V | Refined Copper (Including 33312 and 33412)..... | 480 | 1,129 | 2.35 |
| 121 | 35622 | Roller Bearings, Complete..... | 269 | 633 | 2.35 |
| 122 | 37177 | Rebuilt Automotive Parts (Excluding Carburetors)..... | 80 | 188 | 2.35 |
| 123 | 34510 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 124 | 20154 | Canned Poultry..... | 26 | 60 | 2.33 |
| 125 | 36113 | Other Electrical Measuring Instruments..... | 140 | 326 | 2.33 |
| 126 | 36425 | Outdoor Lighting Equipment..... | 76 | 178 | 2.33 |
| 127 | 39530 | Hand Stamps, Stencils, and Other Marking Devices..... | 59 | 137 | 2.33 |
| 128 | 35423 | Other Metal-Forming Machines..... | 61 | 141 | 2.32 |
| 129 | 3532A | Other Mining Machinery and Equipment n.s.k. Including Parts and Attachments For Mining Machinery Including 35320, 35323 and 35324..... | 143 | 330 | 2.31 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|---|-----------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 130 | 36443 | Other Noncurrent Carrying Wiring Devices and Supplies..... | 59 | *137 | *2.31 |
| 131 | 37510 | Bicycles, Motorcycles, Motorbikes, Scooters and Parts..... | 106 | 245 | 2.31 |
| 132 | 28445 | Other Cosmetics and Toilet Preparations..... | 418 | 961 | 2.30 |
| 133 | 33610 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 134 | 37171 | Passenger Cars, Knocked Down or Assembled..... | 9,218 | 21,157 | 2.30 |
| 135 | 35311 | Contractors' Off-Highway Wheel Tractors, Excluding Parts and Attachments..... | 90 | 206 | 2.29 |
| 136 | 35720 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 137 | 20874 | Other Flavoring Agents, Except Chocolate Sirups..... | 163 | 371 | 2.28 |
| 138 | 3357X | Appliance Wire and Cord and Flexible Cord Sets (Including 33576 and 36996)..... | 127 | 288 | 2.27 |
| 139 | 34441 | Sheet Metal Roofing, Siding and Drainage Equipment..... | 186 | 422 | 2.27 |
| 140 | 36343 | Other Small Household Electric Appliances..... | 336 | 764 | 2.27 |
| 141 | 35416 | Milling Machines..... | 89 | 202 | 2.26 |
| 142 | 36912 | Storage Batteries (Other Than Sli Type) Including Parts For Storage Batteries, All Types..... | 79 | 177 | 2.26 |
| 143 | 28411 | Alkaline Detergents and Acid-Type Cleaners..... | 144 | 326 | 2.25 |
| 144 | 35624 | Ball and Roller Bearings Parts and Components..... | 41 | 92 | 2.25 |
| 145 | 36942 | Battery Charging Generators..... | 105 | 236 | 2.25 |
| 146 | 37130 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 147 | 3799A | Other Transportation Equipment, and Transportation Equip- ment, n.e.c. and n.s.k. (Including 37992 and 37990)..... | 77 | 174 | 2.25 |
| 148 | 20872 | Beverage Bases, Except Sirups and Concentrated Fruit Juices..... | 59 | 132 | 2.24 |
| 149 | 29115 | Liquified Petroleum Gases Made in Refineries..... | 560 | 1,253 | 2.24 |
| 150 | 35411 | Boring Machines..... | 52 | 115 | 2.24 |
| 151 | 36220 | General Industry Power Circuit Devices and Controls..... | 447 | 1,002 | 2.24 |
| 152 | 36393 | Other Household Appliances and Parts..... | 131 | 294 | 2.24 |
| 153 | 38711 | Clocks..... | 111 | 250 | 2.24 |
| 154 | 26452 | Pasted, Lined, Laminated or Surface Coated Paperboard..... | 57 | 127 | 2.23 |
| 155 | 27315 | General Books (Trade), etc..... | 275 | 611 | 2.23 |
| 156 | 35482 | Power-Driven Hand Tool, Including Parts and Attachments... | 211 | 470 | 2.23 |
| 157 | 36943 | Cranking Motors..... | 82 | 184 | 2.23 |
| 158 | 22561 | Warp-Knit Fabrics..... | 217 | 482 | 2.22 |
| 159 | 27316 | Other Books and Pamphlets..... | 96 | 213 | 2.22 |
| 160 | 30692 | Rubber Hose and Tubing..... | 181 | 400 | 2.22 |
| 161 | 35642 | Dust Collection, Air Purification Equipment and Air Washers..... | 70 | 156 | 2.22 |
| 162 | 33220 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 163 | 33996 | Heat Treating of Steel For The Trade..... | 85 | 188 | 2.20 |
| 164 | 35662 | Speed Changers, Industrial High Speed Drives and Gears... | 234 | 515 | 2.20 |
| 165 | 36422 | Commercial and Institutional Type Electric Fixtures..... | 168 | 370 | 2.20 |
| 166 | 3519A | Diesel and Semidiesel Internal Combustion Engines, (Including 35192 and 35194) | 314 | 690 | 2.19 |
| 167 | 35318 | Scrapers, Graders, Rollers and Off-Highway Trucks, Trailers, and Wagons (Excluding Parts) (See 35319)..... | 326 | 712 | 2.19 |
| 168 | 3589A | Commercial Cooking and Food Warming Equipment, Service Industry Machines and Parts (Including 35891 and 35892).. | 209 | 458 | 2.19 |
| 169 | 33526 | Aluminum Tube..... | 90 | 195 | 2.18 |
| 170 | 35591 | Chemical Manufacturing Industries Machinery and Equipment | 118 | 258 | 2.18 |
| 171 | 35671 | Electric Industrial Furnaces and Ovens, Metal Processing.. | 36 | 78 | 2.18 |
| 172 | 25113 | Wood Dining Room and Kitchen Furniture (Excluding Cabi- nets)..... | 167 | 362 | 2.17 |
| 173 | 33230 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 174 | 33525 | Extruded Aluminum Rod, Bar and Other Extruded Shapes..... | 272 | 591 | 2.17 |
| 175 | 34231 | Mechanics' Hand Service Tools..... | 188 | 409 | 2.17 |
| 176 | 35334 | Other Oil and Gas Field Machinery and Tools..... | 41 | 88 | 2.17 |

*See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|---|-----------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 177 | 37175 | Parts and Accessories For Passenger Cars Trucks and Busses Shipped to Motor Vehicle Manufactures..... | 7,327 | 15,894 | 2.17 |
| 178 | 28441 | Shaving Preparations..... | 75 | 162 | 2.16 |
| 179 | 23113 | Men's Tailored Dress and Sport Coats and Jackets..... | 147 | 317 | 2.15 |
| 180 | 28191 | Synthetic Ammonia, Nitric Acid, and Ammonium Compounds.... | 365 | 785 | 2.15 |
| 181 | 32912 | Nonmetallic Bonded Abrasive Products, Including Diamond Abrasives..... | 164 | 353 | 2.15 |
| 182 | 39111 | Jewelry, Made of Platinum Metals and Carat Gold..... | 195 | 419 | 2.15 |
| 183 | 28153 | Synthetic Organic Pigments, Lakes, and Toners..... | 80 | 172 | 2.14 |
| 184 | 30793 | Laminated Sheets, Rods and Tubes..... | 163 | 349 | 2.14 |
| 185 | 34291 | Transportation Equipment Hardware..... | 472 | 1,009 | 2.14 |
| 186 | 35595 | Other Special Industrial Machinery and Equipment..... | 415 | 886 | 2.14 |
| 187 | 20922 | Other Soybean Oil Mill Products..... | 487 | 1,036 | 2.13 |
| 188 | 32962 | Mineral Wool For Industrial and Equipment Insulation..... | 142 | 302 | 2.13 |
| 189 | 36930 | X-Ray Equipment, Including X-Ray Tubes and Electrotherapeutic Apparatus..... | 73 | 156 | 2.13 |
| 190 | 28198 | Chemical Catalytic Preparations..... | 56 | 119 | 2.12 |
| 191 | 35552 | Other Printing Trades Machinery, Including Parts and Attachments..... | 156 | 330 | 2.12 |
| 192 | 23850 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 193 | 33560 | Nonferrous Metal Rolling and Drawing, n.e.c., Including Nonferrous Wire n.e.c. Made in Rolling Mills, n.e.c. (See 33575)..... | 428 | 903 | 2.11 |
| 194 | 3357V | Aluminum and Aluminum-Base Alloy Wire (Including ACSR) (Including 33521 and 33571)..... | 101 | 212 | 2.11 |
| 195 | 35551 | Printing Presses..... | 94 | 199 | 2.11 |
| 196 | 36233 | Resistance Welders, Components, Accessories and Electrodes | 48 | 101 | 2.11 |
| 197 | 36945 | Other Complete Electrical Equipment For Internal Combustion Engines..... | 134 | 282 | 2.11 |
| 198 | 24321 | Hardwood Plywood..... | 183 | 383 | 2.10 |
| 199 | 25126 | Furniture Frames For Household Furniture..... | 36 | 77 | 2.10 |
| 200 | 25221 | Chairs, Stools, Couches, etc., Including Upholstered..... | 59 | 123 | 2.10 |

*Paper and printing industries are underscored.

Section II.—Profiles of Paper Manufacturing and Printing

Table II-1a--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PAPER AND ALLIED PRODUCTS

NOTE: Data for 1964 and 1965 may be subject to high standard errors of estimate. Consult Chapter 8 of the Annual Survey of Manufactures, 1964-65 for standard errors of estimate.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1958..... | 9,823 | 51,528 | 8,283 | 17,276 | 40,815 | 112,347 | 5,246 | 4,928 | 13,564 | 2.75 | 2.36 | 2,086 |
| 1963..... | 11,675 | 76,378 | 9,836 | 20,986 | 59,983 | 165,574 | 6,542 | 6,098 | 16,833 | 2.76 | 2.86 | 2,134 |
| 1964..... | 12,029 | 80,716 | 10,119 | 21,551 | 63,584 | 177,681 | 6,710 | 6,284 | 17,559 | 2.79 | 2.95 | 2,130 |
| 1965..... | 12,944 | 89,708 | 10,823 | 22,795 | 70,208 | 222,667 | 6,930 | 6,487 | 20,574 | 3.17 | 3.08 | 2,106 |
| Arkansas: | | | | | | | | | | | | |
| 1958..... | 5,190 | 26,973 | 4,562 | 9,373 | 22,059 | 65,565 | 5,197 | 4,835 | 14,372 | 2.97 | 2.35 | 2,055 |
| 1963..... | 7,224 | 40,403 | 6,074 | 12,272 | 32,031 | 118,853 | 5,593 | 5,273 | 19,568 | 3.71 | 2.61 | 2,020 |
| 1964..... | 7,485 | 43,232 | 6,287 | 12,668 | 34,101 | 122,955 | 5,776 | 5,424 | 19,557 | 3.61 | 2.69 | 2,015 |
| 1965..... | 6,889 | 43,308 | 5,836 | 11,409 | 33,957 | 122,814 | 6,287 | 5,819 | 21,044 | 3.62 | 2.98 | 1,955 |
| California: | | | | | | | | | | | | |
| 1958..... | 24,469 | 128,552 | 19,473 | 40,298 | 94,823 | 263,460 | 5,254 | 4,869 | 13,530 | 2.78 | 2.35 | 2,069 |
| 1963..... | 28,865 | 179,762 | 22,820 | 47,069 | 130,004 | 371,101 | 6,228 | 5,697 | 16,262 | 2.85 | 2.76 | 2,063 |
| 1964..... | 29,929 | 193,103 | 23,164 | 48,044 | 140,182 | 359,327 | 6,452 | 6,052 | 15,512 | 2.56 | 2.92 | 2,074 |
| 1965..... | 30,303 | 202,558 | 23,931 | 48,900 | 145,155 | 404,937 | 6,684 | 6,066 | 16,921 | 2.79 | 2.97 | 2,043 |
| Colorado: | | | | | | | | | | | | |
| 1958..... | 843 | 4,235 | 669 | 1,400 | 2,745 | 9,017 | 5,024 | 4,103 | 13,478 | 3.28 | 1.96 | 2,093 |
| 1963..... | 1,149 | 6,287 | 913 | 1,911 | 4,163 | 13,363 | 5,472 | 4,560 | 14,636 | 3.21 | 2.18 | 2,093 |
| 1964..... | 1,137 | 6,544 | 897 | 1,968 | 4,323 | 12,537 | 5,755 | 4,819 | 13,977 | 2.90 | 2.20 | 2,194 |
| 1965..... | 1,858 | 7,794 | 1,785 | 2,182 | 5,161 | 35,342 | 4,195 | 2,891 | 19,799 | 6.85 | 2.37 | 1,222 |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 8,251 | 42,372 | 6,493 | 13,578 | 30,478 | 71,121 | 5,135 | 4,694 | 10,953 | 2.33 | 2.24 | 2,091 |
| 1963..... | 7,520 | 44,393 | 5,979 | 12,518 | 31,623 | 87,148 | 5,903 | 5,289 | 14,576 | 2.76 | 2.53 | 2,094 |
| 1964..... | 7,657 | 46,945 | 6,032 | 12,685 | 33,373 | 96,448 | 6,131 | 5,533 | 15,989 | 2.89 | 2.63 | 2,103 |
| 1965..... | 7,638 | 49,170 | 6,014 | 12,893 | 34,556 | 98,489 | 6,438 | 5,746 | 16,377 | 2.85 | 2.68 | 2,144 |
| Florida: | | | | | | | | | | | | |
| 1958..... | 13,212 | 64,230 | 10,861 | 22,250 | 50,504 | 151,538 | 4,861 | 4,650 | 13,952 | 3.00 | 2.27 | 2,049 |
| 1963..... | 13,556 | 82,804 | 11,078 | 22,260 | 60,939 | 203,919 | 6,108 | 5,501 | 18,408 | 3.35 | 2.74 | 2,009 |
| 1964..... | 13,786 | 86,973 | 11,172 | 22,693 | 63,865 | 221,807 | 6,309 | 5,717 | 19,854 | 3.47 | 2.81 | 2,031 |
| 1965..... | 14,175 | 93,253 | 11,580 | 23,954 | 69,011 | 274,767 | 6,579 | 5,959 | 23,728 | 3.98 | 2.88 | 2,069 |
| Georgia: | | | | | | | | | | | | |
| 1958..... | 16,768 | 80,510 | 13,686 | 28,264 | 59,870 | 228,389 | 4,801 | 4,375 | 16,688 | 3.81 | 2.12 | 2,065 |
| 1963..... | 20,484 | 119,285 | 16,212 | 33,454 | 86,741 | 339,327 | 5,823 | 5,350 | 20,931 | 3.91 | 2.59 | 2,064 |
| 1964..... | 20,807 | 127,983 | 16,551 | 34,733 | 93,378 | 361,172 | 6,151 | 5,642 | 21,822 | 3.87 | 2.69 | 2,099 |
| 1965..... | 21,589 | 134,910 | 18,000 | 36,001 | 98,277 | 414,933 | 6,249 | 5,460 | 23,052 | 4.22 | 2.73 | 2,000 |

Table II-1a--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PAPER AND ALLIED PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Wages per production worker man-hour (\$) | Annual man-hour per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|---|---------------------------------------|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | |
| Illinois: | 31,922 | 159,324 | 24,828 | 51,436 | 108,957 | 286,977 | 4,991 | 4,388 | 11,559 | 2.63 | 2,072 |
| | 35,580 | 206,088 | 27,470 | 56,704 | 138,274 | 379,585 | 5,792 | 5,034 | 13,818 | 2.75 | 2,064 |
| | 35,802 | 218,175 | 27,411 | 57,886 | 148,411 | 384,996 | 6,094 | 5,414 | 14,045 | 2.59 | 2,112 |
| | 37,611 | 235,620 | 29,226 | 61,294 | 160,158 | 430,050 | 6,265 | 5,480 | 14,715 | 2.69 | 2,097 |
| | | | | | | | | | | | |
| Indiana: | 11,073 | 51,124 | 8,757 | 17,521 | 36,402 | 99,408 | 4,617 | 4,157 | 11,352 | 2.73 | 2,001 |
| | 12,609 | 71,642 | 9,792 | 20,810 | 50,378 | 135,835 | 5,682 | 5,145 | 13,872 | 2.70 | 2,125 |
| | 12,678 | 74,493 | 9,933 | 20,988 | 52,896 | 138,271 | 5,876 | 5,325 | 13,920 | 2.61 | 2,113 |
| | 12,611 | 77,810 | 9,716 | 20,964 | 55,633 | 144,044 | 6,170 | 5,726 | 14,825 | 2.59 | 2,158 |
| | | | | | | | | | | | |
| Iowa: | 2,417 | 11,752 | 1,760 | 3,725 | 7,875 | 27,016 | 4,862 | 4,474 | 15,350 | 3.43 | 2,116 |
| | 3,063 | 16,077 | 2,432 | 5,206 | 11,419 | 39,829 | 5,249 | 4,695 | 16,377 | 3.49 | 2,141 |
| | 3,137 | 17,219 | 2,483 | 5,383 | 12,199 | 44,174 | 5,489 | 4,913 | 17,791 | 3.62 | 2,168 |
| | 3,207 | 18,389 | 2,564 | 5,383 | 12,919 | 42,936 | 5,734 | 5,039 | 16,746 | 3.32 | 2,099 |
| | | | | | | | | | | | |
| Kansas: | 2,064 | 10,056 | 1,611 | 3,557 | 7,332 | 17,735 | 4,872 | 4,551 | 11,009 | 2.42 | 2,208 |
| | 2,747 | 14,135 | 2,160 | 4,470 | 10,076 | 26,396 | 5,146 | 4,665 | 12,220 | 2.62 | 2,069 |
| | 2,754 | 15,319 | 2,161 | 4,543 | 11,035 | 27,173 | 5,562 | 5,106 | 12,574 | 2.46 | 2,102 |
| | 2,723 | 15,170 | 2,181 | 4,520 | 10,895 | 29,492 | 5,571 | 4,995 | 13,522 | 2.71 | 2,072 |
| | | | | | | | | | | | |
| Kentucky: | 2,016 | 7,442 | 1,722 | 3,370 | 5,485 | 13,794 | 3,691 | 3,185 | 8,010 | 2.51 | 1,957 |
| | 3,858 | 17,743 | 3,154 | 6,406 | 12,666 | 33,948 | 4,599 | 4,016 | 10,763 | 2.68 | 2,031 |
| | 3,300 | 16,432 | 2,714 | 5,538 | 11,797 | 33,111 | 4,979 | 4,347 | 12,200 | 2.81 | 2,041 |
| | 3,648 | 19,456 | 2,943 | 6,230 | 13,655 | 41,683 | 5,333 | 4,640 | 14,163 | 3.05 | 2,117 |
| | | | | | | | | | | | |
| Louisiana: | 16,871 | 85,212 | 14,414 | 29,711 | 68,816 | 185,595 | 5,051 | 4,774 | 12,876 | 2.70 | 2,061 |
| | 15,574 | 92,367 | 12,752 | 26,098 | 73,759 | 202,566 | 5,931 | 5,784 | 15,885 | 2.75 | 2,047 |
| | 14,964 | 93,379 | 12,433 | 26,595 | 75,151 | 219,077 | 6,240 | 6,044 | 17,621 | 2.92 | 2,139 |
| | 14,079 | 93,300 | 11,947 | 24,575 | 74,619 | 227,456 | 6,627 | 6,246 | 19,039 | 3.05 | 2,057 |
| | | | | | | | | | | | |
| Maine: | 17,019 | 98,305 | 14,356 | 31,341 | 70,419 | 179,121 | 5,776 | 4,905 | 12,477 | 2.54 | 2,183 |
| | 16,537 | 107,584 | 13,321 | 30,269 | 82,649 | 232,399 | 6,506 | 6,204 | 17,446 | 2.81 | 2,272 |
| | 16,408 | 112,244 | 13,406 | 30,378 | 85,308 | 230,127 | 6,841 | 6,363 | 17,166 | 2.70 | 2,266 |
| | 17,313 | 117,756 | 13,724 | 30,751 | 90,228 | 248,401 | 6,802 | 6,574 | 18,100 | 2.75 | 2,241 |
| | | | | | | | | | | | |
| Maryland: | 8,938 | 44,125 | 7,370 | 15,935 | 32,111 | 74,850 | 4,937 | 4,357 | 10,156 | 2.33 | 2,162 |
| | 9,455 | 54,196 | 7,464 | 16,616 | 38,948 | 101,623 | 5,732 | 5,218 | 13,615 | 2.61 | 2,226 |
| | 9,463 | 56,569 | 7,513 | 17,500 | 40,683 | 138,587 | 5,978 | 5,415 | 18,446 | 2.70 | 2,329 |
| | 9,973 | 59,406 | 8,077 | 18,378 | 42,731 | 119,751 | 5,957 | 5,290 | 14,826 | 2.80 | 2,275 |
| | | | | | | | | | | | |

Table II-1a--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PAPER AND ALLIED PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Massachusetts: | 35,524 | 165,836 | 27,799 | 58,043 | 114,127 | 294,334 | 4,668 | 4,105 | 10,588 | 2.58 | 1.97 | 2,088 |
| | 34,550 | 195,566 | 26,630 | 57,180 | 135,348 | 358,845 | 5,660 | 5,083 | 13,475 | 2.65 | 2.37 | 2,147 |
| | 34,548 | 204,338 | 26,274 | 57,474 | 139,160 | 382,294 | 5,915 | 5,296 | 14,550 | 2.75 | 2.42 | 2,187 |
| | 35,526 | 217,751 | 27,648 | 60,272 | 152,615 | 406,109 | 6,129 | 5,520 | 14,689 | 2.66 | 2.53 | 2,180 |
| | | | | | | | | | | | | |
| Michigan: | 26,786 | 143,773 | 21,588 | 46,368 | 109,951 | 259,934 | 5,367 | 5,093 | 12,041 | 2.36 | 2.37 | 2,148 |
| | 28,004 | 179,940 | 22,017 | 48,204 | 132,353 | 344,030 | 6,426 | 6,011 | 15,626 | 2.60 | 2.75 | 2,189 |
| | 28,147 | 185,095 | 22,307 | 47,774 | 134,105 | 349,616 | 6,576 | 6,012 | 15,673 | 2.61 | 2.81 | 2,142 |
| | 28,668 | 196,077 | 22,684 | 49,540 | 144,367 | 383,572 | 6,840 | 6,364 | 16,909 | 2.66 | 2.91 | 2,184 |
| | | | | | | | | | | | | |
| Minnesota: | 11,541 | 58,952 | 9,361 | 20,145 | 43,944 | 148,118 | 5,108 | 4,694 | 15,823 | 3.37 | 2.18 | 2,152 |
| | 13,505 | 80,880 | 10,732 | 22,523 | 59,435 | 177,998 | 5,989 | 5,538 | 16,586 | 2.99 | 2.64 | 2,099 |
| | 13,683 | 86,800 | 10,828 | 22,957 | 63,042 | 195,983 | 6,344 | 5,822 | 18,100 | 3.11 | 2.75 | 2,120 |
| | 14,193 | 93,212 | 11,241 | 24,023 | 68,068 | 217,809 | 6,567 | 6,055 | 19,376 | 3.20 | 2.83 | 2,137 |
| | | | | | | | | | | | | |
| Mississippi: | 8,089 | 39,668 | 7,063 | 14,625 | 32,638 | 82,511 | 4,904 | 4,621 | 11,682 | 2.53 | 2.23 | 2,071 |
| | 4,804 | 29,262 | 4,213 | 8,847 | 23,690 | 57,839 | 6,091 | 5,623 | 13,729 | 2.44 | 2.68 | 2,100 |
| | 5,014 | 31,514 | 4,372 | 9,382 | 25,543 | 63,475 | 6,285 | 5,842 | 14,519 | 2.49 | 2.72 | 2,146 |
| | 4,942 | 31,046 | 4,277 | 8,974 | 24,878 | 64,501 | 6,282 | 5,817 | 15,081 | 2.59 | 2.77 | 2,098 |
| | | | | | | | | | | | | |
| Missouri: | 11,785 | 52,224 | 9,202 | 18,882 | 35,620 | 108,121 | 4,431 | 3,871 | 11,750 | 3.04 | 1.89 | 2,052 |
| | 11,536 | 60,182 | 9,039 | 18,029 | 41,695 | 117,391 | 5,217 | 4,613 | 12,987 | 2.82 | 2.31 | 1,995 |
| | 11,789 | 63,614 | 9,251 | 18,506 | 43,705 | 123,434 | 5,396 | 4,724 | 13,343 | 2.82 | 2.36 | 2,000 |
| | 12,035 | 66,872 | 9,479 | 18,679 | 45,499 | 127,813 | 5,556 | 4,800 | 13,484 | 2.81 | 2.44 | 1,971 |
| | | | | | | | | | | | | |
| New Hampshire: | 6,213 | 29,038 | 5,058 | 10,592 | 22,392 | 58,465 | 4,674 | 4,427 | 11,559 | 2.61 | 2.11 | 2,094 |
| | 5,580 | 30,901 | 4,586 | 9,903 | 24,156 | 61,085 | 5,538 | 5,267 | 13,320 | 2.53 | 2.44 | 2,159 |
| | 5,888 | 33,745 | 4,755 | 10,399 | 25,628 | 67,913 | 5,731 | 5,390 | 14,282 | 2.65 | 2.46 | 2,187 |
| | 5,659 | 33,730 | 4,571 | 10,093 | 24,692 | 74,415 | 5,960 | 5,402 | 16,280 | 3.01 | 2.45 | 2,208 |
| | | | | | | | | | | | | |
| New Jersey: | 28,334 | 144,350 | 21,409 | 44,928 | 98,232 | 273,935 | 5,095 | 4,588 | 12,795 | 2.79 | 2.19 | 2,099 |
| | 31,891 | 192,825 | 24,347 | 51,014 | 130,743 | 377,888 | 6,046 | 5,370 | 15,521 | 2.89 | 2.56 | 2,095 |
| | 31,734 | 199,085 | 24,235 | 51,461 | 135,811 | 379,107 | 6,274 | 5,604 | 15,643 | 2.79 | 2.64 | 2,123 |
| | 31,046 | 204,450 | 24,277 | 50,066 | 137,134 | 407,503 | 6,585 | 5,649 | 16,786 | 2.97 | 2.74 | 2,060 |
| | | | | | | | | | | | | |
| New York: | 65,723 | 313,119 | 53,645 | 109,351 | 225,844 | 568,364 | 4,764 | 4,210 | 10,595 | 2.52 | 2.07 | 2,038 |
| | 60,419 | 342,775 | 48,734 | 101,384 | 246,757 | 616,461 | 5,673 | 5,063 | 12,650 | 2.50 | 2.43 | 2,080 |
| | 60,322 | 357,086 | 48,747 | 104,110 | 259,356 | 631,422 | 5,920 | 5,320 | 12,953 | 2.43 | 2.49 | 2,136 |
| | 61,261 | 371,831 | 48,525 | 102,623 | 265,650 | 695,145 | 6,070 | 5,474 | 14,326 | 2.62 | 2.59 | 2,115 |
| | | | | | | | | | | | | |

Table II-1a--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PAPER AND ALLIED PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production man-hour (\$) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| North Carolina: | | | | | | | | | | | | |
| 1958..... | 10,867 | 52,171 | 8,824 | 18,328 | 38,769 | 102,679 | 4,801 | 4,394 | 11,636 | 2.65 | 2.12 | 2,077 |
| 1963..... | 13,221 | 75,757 | 10,467 | 23,092 | 55,424 | 176,514 | 5,730 | 5,295 | 16,864 | 3.18 | 2.40 | 2,206 |
| 1964..... | 13,353 | 81,176 | 10,535 | 23,128 | 59,516 | 193,813 | 6,079 | 5,649 | 18,397 | 3.26 | 2.57 | 2,195 |
| 1965..... | 13,538 | 85,647 | 10,609 | 23,601 | 62,691 | 206,239 | 6,326 | 5,909 | 19,440 | 3.29 | 2.66 | 2,225 |
| Ohio: | | | | | | | | | | | | |
| 1958..... | 35,821 | 188,234 | 28,418 | 60,066 | 135,681 | 343,331 | 5,255 | 4,774 | 12,081 | 2.53 | 2.26 | 2,114 |
| 1963..... | 37,330 | 233,833 | 29,261 | 64,003 | 168,734 | 449,276 | 6,264 | 5,767 | 15,354 | 2.66 | 2.64 | 2,187 |
| 1964..... | 38,070 | 243,013 | 30,016 | 65,932 | 176,324 | 465,780 | 6,383 | 5,874 | 15,518 | 2.64 | 2.67 | 2,197 |
| 1965..... | 39,396 | 259,394 | 30,914 | 67,516 | 188,182 | 491,632 | 6,584 | 6,087 | 15,903 | 2.61 | 2.79 | 2,184 |
| Oklahoma: | | | | | | | | | | | | |
| 1958..... | 625 | 3,282 | 471 | 1,007 | 2,166 | 9,144 | 5,251 | 4,599 | 19,414 | 4.22 | 2.15 | 2,138 |
| 1963..... | 847 | 4,936 | 666 | 1,501 | 3,506 | 13,365 | 5,828 | 5,264 | 20,068 | 3.81 | 2.34 | 2,254 |
| 1964..... | 877 | 5,280 | 640 | 1,439 | 3,576 | 14,436 | 6,021 | 5,588 | 22,556 | 4.04 | 2.49 | 2,248 |
| 1965..... | 1,014 | 6,281 | 792 | 1,755 | 4,318 | 16,334 | 6,194 | 5,452 | 20,624 | 3.78 | 2.46 | 2,216 |
| Oregon: | | | | | | | | | | | | |
| 1958..... | 7,017 | 38,385 | 5,914 | 11,789 | 30,340 | 103,555 | 5,470 | 5,130 | 17,510 | 3.41 | 2.57 | 1,993 |
| 1963..... | 6,781 | 44,789 | 5,611 | 11,466 | 34,941 | 116,901 | 6,805 | 6,227 | 20,834 | 3.35 | 3.05 | 2,043 |
| 1964..... | 7,228 | 49,181 | 5,933 | 11,967 | 37,457 | 130,161 | 6,804 | 6,313 | 21,938 | 3.47 | 3.13 | 2,017 |
| 1965..... | 7,531 | 52,822 | 6,207 | 12,015 | 40,627 | 140,095 | 7,014 | 6,545 | 22,570 | 3.45 | 3.38 | 1,936 |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 38,111 | 184,876 | 30,599 | 63,331 | 134,168 | 377,584 | 4,851 | 4,385 | 12,340 | 2.81 | 2.12 | 2,070 |
| 1963..... | 40,269 | 235,567 | 32,137 | 68,039 | 170,090 | 481,286 | 5,850 | 5,293 | 14,976 | 2.83 | 2.50 | 2,117 |
| 1964..... | 40,584 | 248,158 | 31,991 | 69,506 | 178,231 | 488,267 | 6,115 | 5,571 | 15,263 | 2.74 | 2.56 | 2,173 |
| 1965..... | 42,116 | 259,732 | 33,745 | 71,613 | 188,275 | 527,551 | 6,167 | 5,579 | 15,633 | 2.80 | 2.63 | 2,122 |
| Rhode Island: | | | | | | | | | | | | |
| 1958..... | 1,841 | 6,955 | 1,403 | 2,837 | 4,723 | 11,935 | 3,778 | 3,366 | 8,507 | 2.53 | 1.66 | 2,022 |
| 1963..... | 2,223 | 9,545 | 1,842 | 3,737 | 6,713 | 15,712 | 4,294 | 3,644 | 8,530 | 2.34 | 1.80 | 2,029 |
| 1964..... | 2,390 | 10,862 | 1,922 | 4,021 | 7,325 | 18,596 | 4,545 | 3,811 | 9,675 | 2.54 | 1.82 | 2,092 |
| 1965..... | 2,392 | 10,861 | 1,956 | 4,100 | 7,858 | 16,852 | 4,541 | 4,017 | 8,616 | 2.14 | 1.92 | 2,096 |
| South Carolina: | | | | | | | | | | | | |
| 1958..... | 7,081 | 35,121 | 5,784 | 11,512 | 25,915 | 83,444 | 4,960 | 4,480 | 14,427 | 3.22 | 2.25 | 1,990 |
| 1963..... | 8,807 | 52,721 | 7,229 | 14,986 | 39,795 | 140,073 | 5,986 | 5,505 | 19,377 | 3.52 | 2.66 | 2,073 |
| 1964..... | 9,373 | 59,085 | 7,679 | 16,281 | 44,937 | 152,818 | 6,304 | 5,852 | 19,901 | 3.40 | 2.76 | 2,120 |
| 1965..... | 9,571 | 62,417 | 7,708 | 16,109 | 46,161 | 166,558 | 6,521 | 5,989 | 21,608 | 3.61 | 2.87 | 2,090 |
| Tennessee: | | | | | | | | | | | | |
| 1958..... | 9,072 | 43,706 | 7,337 | 15,503 | 32,110 | 110,354 | 4,818 | 4,376 | 15,041 | 3.44 | 2.07 | 2,113 |
| 1963..... | 10,179 | 59,156 | 7,564 | 16,859 | 42,135 | 152,073 | 5,812 | 5,570 | 20,105 | 3.61 | 2.50 | 2,229 |
| 1964..... | 10,662 | 64,627 | 8,350 | 17,876 | 45,488 | 180,394 | 6,061 | 5,448 | 21,604 | 3.97 | 2.54 | 2,141 |
| 1965..... | 11,140 | 67,930 | 8,822 | 18,895 | 48,712 | 183,035 | 6,098 | 5,522 | 20,748 | 3.76 | 2.58 | 2,142 |

Table II-1a--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PAPER AND ALLIED PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Texas: | | | | | | | | | | | | |
| 1958..... | 9,688 | 50,947 | 7,301 | 15,543 | 34,438 | 113,681 | 5,259 | 4,717 | 15,571 | 3.30 | 2.22 | 2,129 |
| 1963..... | 11,562 | 68,315 | 8,715 | 18,553 | 45,630 | 150,047 | 5,909 | 5,236 | 17,217 | 3.29 | 2.46 | 2,129 |
| 1964..... | 12,066 | 73,134 | 9,119 | 19,373 | 49,181 | 168,475 | 6,061 | 5,393 | 18,475 | 3.43 | 2.54 | 2,124 |
| 1965..... | 12,840 | 77,651 | 9,676 | 20,861 | 52,663 | 172,866 | 6,048 | 5,443 | 17,865 | 3.28 | 2.52 | 2,156 |
| Vermont: | | | | | | | | | | | | |
| 1958..... | 2,364 | 10,358 | 1,974 | 4,126 | 7,876 | 25,116 | 4,382 | 3,990 | 12,723 | 3.19 | 1.91 | 2,090 |
| 1963..... | 2,175 | 11,725 | 1,763 | 4,065 | 8,859 | 29,920 | 5,391 | 5,025 | 16,971 | 3.38 | 2.18 | 2,306 |
| 1964..... | 2,144 | 11,549 | 1,733 | 3,856 | 8,606 | 30,876 | 5,387 | 4,966 | 17,817 | 3.59 | 2.23 | 2,225 |
| 1965..... | 2,155 | 11,613 | 1,809 | 3,968 | 8,703 | 29,878 | 5,389 | 4,811 | 16,516 | 3.43 | 2.19 | 2,193 |
| Virginia: | | | | | | | | | | | | |
| 1958..... | 10,993 | 53,823 | 9,013 | 19,148 | 39,337 | 131,028 | 4,896 | 4,364 | 14,538 | 3.33 | 2.05 | 2,124 |
| 1963..... | 12,053 | 69,979 | 9,736 | 20,816 | 51,365 | 171,730 | 5,806 | 5,276 | 17,639 | 3.34 | 2.47 | 2,138 |
| 1964..... | 12,259 | 74,335 | 9,890 | 21,443 | 54,621 | 186,793 | 6,064 | 5,523 | 18,887 | 3.42 | 2.55 | 2,168 |
| 1965..... | 12,461 | 79,407 | 9,990 | 21,910 | 57,979 | 214,917 | 6,372 | 5,804 | 21,513 | 3.71 | 2.65 | 2,193 |
| Washington: | | | | | | | | | | | | |
| 1958..... | 15,767 | 84,402 | 13,516 | 25,998 | 66,212 | 251,780 | 5,353 | 4,899 | 18,628 | 3.80 | 2.55 | 1,923 |
| 1963..... | 17,985 | 118,494 | 15,015 | 30,364 | 92,998 | 330,262 | 6,588 | 6,194 | 21,995 | 3.55 | 3.06 | 2,022 |
| 1964..... | 18,279 | 124,030 | 15,262 | 30,346 | 97,293 | 338,808 | 6,785 | 6,375 | 22,199 | 3.48 | 3.21 | 1,988 |
| 1965..... | 19,171 | 135,452 | 15,799 | 32,166 | 105,942 | 356,998 | 7,065 | 6,706 | 22,596 | 3.37 | 3.29 | 2,036 |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 1,410 | 5,038 | 1,233 | 2,422 | 4,000 | 9,877 | 3,573 | 3,244 | 8,011 | 2.47 | 1.65 | 1,964 |
| 1963..... | 1,545 | 7,319 | 1,307 | 2,715 | 5,521 | 12,595 | 4,737 | 4,224 | 9,637 | 2.28 | 2.03 | 2,077 |
| 1964..... | 1,602 | 8,210 | 1,243 | 2,836 | 6,089 | 13,397 | 5,125 | 4,899 | 10,778 | 2.20 | 2.15 | 2,282 |
| 1965..... | 1,560 | 7,694 | 1,302 | 2,657 | 5,850 | 14,463 | 4,932 | 4,493 | 11,108 | 2.47 | 2.20 | 2,041 |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 36,279 | 190,416 | 29,734 | 64,327 | 145,754 | 402,698 | 5,249 | 4,902 | 13,543 | 2.76 | 2.27 | 2,163 |
| 1963..... | 36,339 | 231,811 | 29,520 | 63,758 | 175,557 | 501,795 | 6,379 | 5,947 | 16,998 | 2.86 | 2.75 | 2,160 |
| 1964..... | 37,084 | 246,483 | 30,064 | 65,809 | 186,384 | 526,146 | 6,647 | 6,200 | 17,501 | 2.82 | 2.83 | 2,189 |
| 1965..... | 37,577 | 256,120 | 30,286 | 65,711 | 193,918 | 560,134 | 6,816 | 6,403 | 18,495 | 2.89 | 2.95 | 2,170 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PRINTING AND PUBLISHING

NOTE: Data for 1964 and 1965 may be subject to high standard errors of estimate. Consult Chapter 8 of the Annual Survey of Manufactures, 1964-1965 for standard errors of estimate

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1958..... | 5,165 | 22,569 | 3,224 | 6,111 | 14,138 | 44,632 | 4,370 | 4,385 | 13,844 | 3.16 | 2.31 | 1,895 |
| 1963..... | 5,330 | 26,857 | 3,405 | 6,847 | 17,448 | 54,226 | 5,039 | 5,124 | 15,925 | 3.11 | 2.55 | 2,011 |
| 1964..... | 5,686 | 30,033 | 3,855 | 7,282 | 19,599 | 63,771 | 5,282 | 5,084 | 16,542 | 3.25 | 2.69 | 1,889 |
| 1965..... | 6,231 | 33,889 | 4,183 | 8,410 | 21,960 | 64,935 | 5,439 | 5,250 | 15,524 | 2.96 | 2.61 | 2,011 |
| Alaska: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 371 | 2,314 | 197 | 387 | 1,224 | 3,865 | 6,237 | 6,213 | 19,619 | 3.16 | 3.16 | 1,964 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona: | | | | | | | | | | | | |
| 1958..... | 2,877 | 13,010 | 1,562 | 2,860 | 7,421 | 26,057 | 4,522 | 4,751 | 16,682 | 3.51 | 2.59 | 1,831 |
| 1963..... | 4,121 | 21,289 | 2,206 | 4,276 | 12,400 | 44,874 | 5,166 | 5,621 | 20,342 | 3.62 | 2.90 | 1,938 |
| 1964..... | 4,298 | 22,758 | 2,372 | 4,861 | 13,531 | 45,416 | 5,295 | 5,704 | 19,147 | 3.36 | 2.78 | 2,049 |
| 1965..... | 4,465 | 23,236 | 2,444 | 5,144 | 14,024 | 53,474 | 5,204 | 5,738 | 21,880 | 3.81 | 2.73 | 2,105 |
| Arkansas: | | | | | | | | | | | | |
| 1958..... | 2,981 | 11,860 | 1,915 | 3,671 | 7,161 | 20,368 | 3,979 | 3,739 | 10,636 | 2.84 | 1.95 | 1,917 |
| 1963..... | 3,877 | 17,497 | 2,526 | 5,104 | 11,000 | 31,776 | 4,513 | 4,355 | 12,580 | 2.89 | 2.16 | 2,021 |
| 1964..... | 3,969 | 18,225 | 2,599 | 5,347 | 11,484 | 33,487 | 4,592 | 4,419 | 12,885 | 2.92 | 2.15 | 2,057 |
| 1965..... | 4,949 | 22,305 | 3,688 | 7,573 | 14,362 | 64,764 | 4,507 | 3,894 | 17,561 | 4.51 | 1.90 | 2,053 |
| California: | | | | | | | | | | | | |
| 1958..... | 64,197 | 351,580 | 38,291 | 69,127 | 204,813 | 596,651 | 5,477 | 5,349 | 15,582 | 2.91 | 2.96 | 1,805 |
| 1963..... | 72,637 | 468,279 | 45,140 | 83,899 | 284,666 | 828,970 | 6,447 | 6,306 | 18,364 | 2.91 | 3.39 | 1,859 |
| 1964..... | 75,070 | 496,314 | 47,049 | 87,701 | 298,927 | 892,682 | 6,611 | 6,354 | 18,973 | 2.99 | 3.41 | 1,864 |
| 1965..... | 79,730 | 525,208 | 46,701 | 84,765 | 306,117 | 924,920 | 6,587 | 6,555 | 19,805 | 3.02 | 3.61 | 1,815 |
| Colorado: | | | | | | | | | | | | |
| 1958..... | 6,986 | 32,349 | 4,325 | 7,716 | 20,246 | 54,529 | 4,631 | 4,681 | 12,608 | 2.69 | 2.62 | 1,784 |
| 1963..... | 7,618 | 43,319 | 4,752 | 8,938 | 26,402 | 75,559 | 5,686 | 5,556 | 15,900 | 2.86 | 2.95 | 1,881 |
| 1964..... | 8,180 | 47,152 | 5,151 | 9,784 | 29,291 | 83,005 | 5,764 | 5,686 | 16,114 | 2.83 | 2.99 | 1,899 |
| 1965..... | 7,858 | 49,406 | 4,878 | 9,725 | 29,900 | 79,441 | 6,287 | 6,130 | 16,286 | 2.66 | 3.07 | 1,994 |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 14,230 | 73,581 | 9,376 | 17,931 | 46,380 | 116,045 | 5,171 | 4,947 | 12,377 | 2.50 | 2.59 | 1,912 |
| 1963..... | 17,316 | 102,544 | 10,922 | 21,798 | 64,497 | 175,405 | 5,922 | 5,905 | 16,060 | 2.72 | 2.96 | 1,996 |
| 1964..... | 17,312 | 106,996 | 10,885 | 21,744 | 66,970 | 178,677 | 6,180 | 6,153 | 16,415 | 2.67 | 3.08 | 1,998 |
| 1965..... | 17,846 | 111,485 | 11,098 | 22,844 | 65,162 | 195,021 | 6,247 | 5,872 | 17,573 | 2.99 | 2.85 | 2,058 |

Table 11-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PRINTING AND PUBLISHING--Con.

| State and year | Total employment | | Production workers | | | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production man-hour (\$) | Annual man-hours per production worker |
|-----------------------|------------------|-------------------|--------------------|-------------------|-----------------|---------------------------|----------------------------------|--|--------------------------------------|------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | |
| Delaware: | | | | | | | | | | | |
| 1958..... | 1,276 | 7,051 | 920 | 1,668 | 4,596 | 5,526 | 4,996 | 11,617 | 2.33 | 2.76 | 1,813 |
| 1963..... | 1,348 | 8,606 | 869 | 1,656 | 5,416 | 6,384 | 6,232 | 16,257 | 2.61 | 3.27 | 1,906 |
| 1964..... | 1,560 | 9,312 | 1,060 | 1,700 | 5,389 | 5,969 | 5,084 | 15,958 | 3.14 | 3.17 | 1,604 |
| 1965..... | 1,312 | 8,772 | 830 | 1,560 | 5,508 | 6,686 | 6,636 | 18,545 | 2.79 | 3.53 | 1,880 |
| Dist. of Col.: | | | | | | | | | | | |
| 1958..... | 12,136 | 66,774 | 6,155 | 11,083 | 30,955 | 5,502 | 5,029 | 19,063 | 3.79 | 2.79 | 1,801 |
| 1963..... | 13,153 | 88,569 | 6,525 | 11,703 | 39,644 | 6,734 | 6,076 | 24,836 | 4.09 | 3.39 | 1,794 |
| 1964..... | 12,811 | 93,975 | 6,187 | 11,205 | 41,441 | 7,335 | 6,698 | 27,774 | 4.15 | 3.70 | 1,811 |
| 1965..... | 14,928 | 104,881 | 7,473 | 12,580 | 46,228 | 7,026 | 6,186 | 25,657 | 4.15 | 3.67 | 1,683 |
| Florida: | | | | | | | | | | | |
| 1958..... | 12,767 | 58,617 | 7,266 | 13,259 | 33,271 | 4,591 | 4,579 | 14,262 | 3.11 | 2.51 | 1,825 |
| 1963..... | 16,331 | 83,182 | 9,203 | 18,065 | 45,934 | 5,094 | 4,991 | 16,804 | 3.37 | 2.54 | 1,863 |
| 1964..... | 16,453 | 84,145 | 9,098 | 17,958 | 45,431 | 5,114 | 4,994 | 17,130 | 3.43 | 2.53 | 1,974 |
| 1965..... | 17,563 | 91,120 | 8,494 | 16,954 | 44,607 | 5,188 | 5,252 | 20,491 | 3.90 | 2.63 | 1,996 |
| Georgia: | | | | | | | | | | | |
| 1958..... | 9,600 | 45,013 | 6,403 | 12,053 | 27,410 | 4,689 | 4,281 | 12,184 | 2.85 | 2.27 | 1,882 |
| 1963..... | 10,152 | 56,106 | 6,597 | 13,326 | 33,904 | 5,527 | 5,139 | 15,154 | 2.95 | 2.54 | 2,020 |
| 1964..... | 11,233 | 65,084 | 7,860 | 15,556 | 38,624 | 5,794 | 4,914 | 13,442 | 2.74 | 2.48 | 1,979 |
| 1965..... | 11,331 | 64,085 | 7,427 | 14,961 | 38,760 | 5,656 | 5,219 | 15,432 | 2.96 | 2.59 | 2,014 |
| Hawaii: | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 1,733 | 9,255 | 985 | 1,845 | 5,026 | 5,340 | 5,103 | 17,047 | 3.34 | 2.72 | 1,873 |
| 1964..... | 1,849 | 9,508 | 986 | 1,999 | 5,439 | 5,142 | 5,516 | 20,820 | 3.77 | 2.72 | 2,027 |
| 1965..... | 1,909 | 10,719 | 1,188 | 2,242 | 6,058 | 5,615 | 5,099 | 18,865 | 3.70 | 2.70 | 1,887 |
| Idaho: | | | | | | | | | | | |
| 1958..... | 1,321 | 5,860 | 847 | 1,509 | 3,788 | 4,436 | 4,472 | 12,345 | 2.76 | 2.51 | 1,782 |
| 1963..... | 1,360 | 6,716 | 824 | 1,559 | 4,294 | 4,938 | 5,211 | 19,562 | 3.75 | 2.75 | 1,892 |
| 1964..... | 1,416 | 6,845 | 875 | 1,560 | 4,480 | 4,834 | 5,120 | 18,437 | 3.60 | 2.87 | 1,783 |
| 1965..... | 1,571 | 8,218 | 1,068 | 1,938 | 5,791 | 5,231 | 5,422 | 17,514 | 3.23 | 2.99 | 1,815 |
| Illinois: | | | | | | | | | | | |
| 1958..... | 94,445 | 535,550 | 60,417 | 116,049 | 326,429 | 5,670 | 5,403 | 15,203 | 2.81 | 2.81 | 1,921 |
| 1963..... | 95,476 | 646,998 | 60,830 | 118,801 | 386,402 | 6,777 | 6,352 | 19,690 | 3.10 | 3.25 | 1,953 |
| 1964..... | 97,532 | 686,546 | 61,682 | 123,323 | 410,924 | 7,039 | 6,662 | 20,562 | 3.09 | 3.33 | 1,999 |
| 1965..... | 102,138 | 736,581 | 65,171 | 128,322 | 436,029 | 7,212 | 6,691 | 21,171 | 3.16 | 3.40 | 1,969 |
| Indiana: | | | | | | | | | | | |
| 1958..... | 20,012 | 96,384 | 13,321 | 25,581 | 62,285 | 4,816 | 4,676 | 11,974 | 2.56 | 2.43 | 1,920 |
| 1963..... | 22,686 | 126,358 | 14,762 | 29,696 | 82,709 | 5,570 | 5,603 | 15,233 | 2.72 | 2.79 | 2,012 |
| 1964..... | 22,705 | 135,567 | 14,785 | 29,375 | 86,414 | 5,971 | 5,845 | 16,256 | 2.78 | 2.94 | 1,987 |
| 1965..... | 24,036 | 147,943 | 15,906 | 32,583 | 95,753 | 6,155 | 6,020 | 16,394 | 2.72 | 2.94 | 2,048 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PRINTING AND PUBLISHING--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Iowa: | | | | | | | | | | | | |
| 1958..... | 11,228 | 51,059 | 6,806 | 12,779 | 28,817 | 103,593 | 4,547 | 4,234 | 15,221 | 3.59 | 2.26 | 1,878 |
| 1963..... | 12,036 | 64,234 | 6,869 | 13,477 | 35,683 | 128,225 | 5,337 | 5,195 | 18,667 | 3.59 | 2.65 | 1,962 |
| 1964..... | 11,871 | 64,645 | 6,684 | 13,629 | 33,863 | 140,232 | 5,446 | 5,066 | 20,980 | 4.14 | 2.48 | 2,039 |
| 1965..... | 12,951 | 77,591 | 7,796 | 14,008 | 36,639 | 154,510 | 5,991 | 4,700 | 19,819 | 4.22 | 2.62 | 1,797 |
| Kansas: | | | | | | | | | | | | |
| 1958..... | 7,576 | 30,870 | 5,019 | 9,329 | 19,324 | 52,423 | 4,075 | 3,850 | 10,445 | 2.71 | 2.07 | 1,859 |
| 1963..... | 8,335 | 38,108 | 5,642 | 10,890 | 24,624 | 63,929 | 4,572 | 4,364 | 11,331 | 2.60 | 2.26 | 1,930 |
| 1964..... | 8,169 | 38,823 | 5,453 | 10,523 | 24,359 | 69,712 | 4,752 | 4,467 | 12,784 | 2.86 | 2.31 | 1,930 |
| 1965..... | 9,976 | 49,574 | 6,764 | 13,359 | 30,973 | 81,958 | 4,969 | 4,579 | 12,117 | 2.65 | 2.32 | 1,975 |
| Kentucky: | | | | | | | | | | | | |
| 1958..... | 7,982 | 39,523 | 5,668 | 11,202 | 26,387 | 61,572 | 4,952 | 4,655 | 10,863 | 2.33 | 2.36 | 1,976 |
| 1963..... | 8,835 | 49,646 | 6,263 | 12,174 | 32,968 | 77,815 | 5,619 | 5,264 | 12,425 | 2.36 | 2.71 | 1,944 |
| 1964..... | 8,980 | 51,608 | 6,354 | 12,401 | 34,871 | 81,307 | 5,747 | 5,488 | 12,796 | 2.33 | 2.81 | 1,952 |
| 1965..... | 9,346 | 57,202 | 6,492 | 13,086 | 38,159 | 92,703 | 6,120 | 5,878 | 14,280 | 2.43 | 2.92 | 2,016 |
| Louisiana: | | | | | | | | | | | | |
| 1958..... | 5,276 | 23,406 | 3,261 | 6,064 | 14,050 | 47,726 | 4,436 | 4,308 | 14,635 | 3.40 | 2.32 | 1,860 |
| 1963..... | 5,371 | 26,739 | 3,347 | 6,613 | 16,831 | 54,726 | 4,978 | 5,029 | 16,351 | 3.25 | 2.55 | 1,976 |
| 1964..... | 5,440 | 27,483 | 3,380 | 6,764 | 17,489 | 55,724 | 5,052 | 5,174 | 16,486 | 3.19 | 2.59 | 2,001 |
| 1965..... | 5,622 | 31,447 | 3,676 | 7,284 | 20,428 | 68,606 | 5,594 | 5,557 | 18,663 | 3.36 | 2.80 | 1,982 |
| Maine: | | | | | | | | | | | | |
| 1958..... | 2,151 | 8,713 | 1,356 | 2,478 | 5,204 | 15,646 | 4,051 | 3,838 | 11,538 | 3.01 | 2.10 | 1,827 |
| 1963..... | 2,337 | 11,127 | 1,458 | 2,740 | 6,325 | 20,500 | 4,761 | 4,338 | 14,060 | 3.24 | 2.31 | 1,879 |
| 1964..... | 2,333 | 11,164 | 1,442 | 2,709 | 6,335 | 20,850 | 4,785 | 4,393 | 14,459 | 3.29 | 2.34 | 1,879 |
| 1965..... | 2,462 | 14,769 | 1,491 | 2,786 | 7,975 | 27,496 | 5,999 | 5,349 | 18,441 | 3.45 | 2.86 | 1,869 |
| Maryland: | | | | | | | | | | | | |
| 1958..... | 11,943 | 58,073 | 8,088 | 15,746 | 37,213 | 99,138 | 4,863 | 4,601 | 12,257 | 2.66 | 2.36 | 1,947 |
| 1963..... | 14,709 | 86,636 | 9,871 | 19,789 | 54,541 | 146,070 | 5,890 | 5,525 | 14,798 | 2.68 | 2.76 | 2,005 |
| 1964..... | 14,678 | 89,950 | 10,138 | 20,594 | 56,311 | 163,831 | 6,128 | 5,554 | 16,160 | 2.91 | 2.73 | 2,031 |
| 1965..... | 15,482 | 95,624 | 10,515 | 20,845 | 60,302 | 172,616 | 6,176 | 5,735 | 16,416 | 2.86 | 2.89 | 1,982 |
| Massachusetts: | | | | | | | | | | | | |
| 1958..... | 37,166 | 183,163 | 24,497 | 46,827 | 113,305 | 319,188 | 4,928 | 4,625 | 13,030 | 2.82 | 2.42 | 1,912 |
| 1963..... | 40,578 | 228,535 | 26,256 | 51,244 | 140,778 | 426,468 | 5,632 | 5,362 | 16,243 | 3.03 | 2.75 | 1,952 |
| 1964..... | 42,358 | 244,808 | 27,718 | 54,407 | 148,109 | 472,757 | 5,779 | 5,343 | 17,056 | 3.19 | 2.72 | 1,963 |
| 1965..... | 43,825 | 260,016 | 28,442 | 55,041 | 152,740 | 515,576 | 5,933 | 5,370 | 18,127 | 3.38 | 2.78 | 1,935 |
| Michigan: | | | | | | | | | | | | |
| 1958..... | 27,779 | 154,552 | 17,081 | 31,874 | 90,243 | 257,218 | 5,564 | 5,283 | 15,059 | 2.85 | 2.83 | 1,866 |
| 1963..... | 27,736 | 176,464 | 17,476 | 34,248 | 107,216 | 319,415 | 6,362 | 6,135 | 18,277 | 2.98 | 3.13 | 1,960 |
| 1964..... | 29,154 | 185,904 | 18,308 | 37,624 | 113,441 | 328,912 | 6,377 | 6,196 | 17,965 | 2.90 | 3.02 | 2,055 |
| 1965..... | 28,293 | 197,984 | 18,497 | 35,634 | 119,973 | 365,264 | 6,998 | 6,486 | 19,747 | 3.04 | 3.37 | 1,926 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PRINTING AND PUBLISHING--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Minnesota: | | | | | | | | | | | | |
| 1958..... | 20,556 | 101,909 | 10,844 | 18,879 | 49,975 | 164,441 | 4,958 | 4,609 | 15,164 | 3.29 | 2.65 | 1,741 |
| 1963..... | 21,879 | 126,105 | 13,139 | 24,646 | 70,795 | 206,341 | 5,764 | 5,388 | 15,704 | 2.91 | 2.87 | 1,876 |
| 1964..... | 22,411 | 135,698 | 13,488 | 25,408 | 75,948 | 231,244 | 6,055 | 5,631 | 17,144 | 3.04 | 2.99 | 1,884 |
| 1965..... | 23,455 | 141,188 | 13,679 | 25,373 | 80,367 | 232,195 | 6,020 | 5,875 | 16,975 | 2.89 | 3.17 | 1,855 |
| Mississippi: | | | | | | | | | | | | |
| 1958..... | 2,230 | 8,187 | 1,344 | 2,455 | 4,640 | 13,732 | 3,671 | 3,452 | 10,217 | 2.96 | 1.89 | 1,827 |
| 1963..... | 2,243 | 9,217 | 1,348 | 2,682 | 5,319 | 17,604 | 4,109 | 3,946 | 13,059 | 3.31 | 1.98 | 1,990 |
| 1964..... | 2,285 | 9,538 | 1,412 | 2,742 | 5,565 | 18,010 | 4,174 | 3,941 | 12,755 | 3.24 | 2.03 | 1,942 |
| 1965..... | 2,331 | 9,980 | 1,369 | 2,767 | 5,505 | 19,537 | 4,281 | 4,021 | 14,271 | 3.55 | 1.99 | 2,021 |
| Missouri: | | | | | | | | | | | | |
| 1958..... | 26,584 | 130,752 | 17,130 | 31,756 | 79,175 | 221,090 | 4,918 | 4,622 | 12,907 | 2.79 | 2.49 | 1,854 |
| 1963..... | 27,643 | 157,701 | 16,648 | 32,154 | 91,508 | 286,952 | 5,705 | 5,497 | 17,236 | 3.14 | 2.85 | 1,931 |
| 1964..... | 27,757 | 163,080 | 16,875 | 32,201 | 95,586 | 316,695 | 5,875 | 5,664 | 18,767 | 3.31 | 2.97 | 1,908 |
| 1965..... | 29,357 | 181,355 | 17,731 | 35,146 | 101,652 | 341,059 | 6,178 | 5,733 | 19,235 | 3.36 | 2.89 | 1,982 |
| Montana: | | | | | | | | | | | | |
| 1958..... | 1,889 | 8,741 | 1,152 | 1,988 | 5,666 | 14,021 | 4,627 | 4,918 | 12,171 | 2.47 | 2.85 | 1,726 |
| 1963..... | 1,517 | 7,825 | 921 | 1,686 | 4,864 | 12,136 | 5,158 | 5,281 | 13,177 | 2.50 | 2.88 | 1,831 |
| 1964..... | 1,595 | 7,997 | 985 | 1,675 | 4,916 | 12,764 | 5,014 | 4,991 | 12,958 | 2.60 | 2.93 | 1,701 |
| 1965..... | 1,735 | 9,622 | 1,110 | 1,653 | 5,390 | 17,256 | 5,546 | 4,856 | 15,546 | 3.20 | 3.26 | 1,489 |
| Nebraska: | | | | | | | | | | | | |
| 1958..... | 5,058 | 22,858 | 3,364 | 6,271 | 13,740 | 40,861 | 4,519 | 4,084 | 12,147 | 2.97 | 2.19 | 1,864 |
| 1963..... | 5,483 | 28,043 | 3,469 | 6,947 | 17,026 | 50,734 | 5,115 | 4,908 | 14,625 | 2.98 | 2.45 | 2,003 |
| 1964..... | 4,838 | 25,633 | 3,301 | 6,342 | 15,649 | 51,132 | 5,298 | 4,741 | 15,490 | 3.27 | 2.47 | 1,921 |
| 1965..... | 5,643 | 30,015 | 3,593 | 7,065 | 17,841 | 56,479 | 5,319 | 4,965 | 15,719 | 3.17 | 2.53 | 1,966 |
| Nevada: | | | | | | | | | | | | |
| 1958..... | 700 | 3,442 | 488 | 874 | 2,341 | 6,776 | 4,917 | 4,797 | 13,885 | 2.89 | 2.68 | 1,791 |
| 1963..... | 1,171 | 6,115 | 817 | 1,568 | 4,172 | 12,225 | 5,222 | 5,106 | 14,963 | 2.93 | 2.66 | 1,919 |
| 1964..... | 1,126 | 5,936 | 771 | 1,592 | 4,069 | 12,018 | 5,272 | 5,278 | 15,588 | 2.95 | 2.56 | 2,065 |
| 1965..... | 1,194 | 6,930 | 884 | 1,879 | 4,879 | 12,759 | 5,804 | 5,519 | 14,433 | 2.62 | 2.60 | 2,126 |
| New Hampshire: | | | | | | | | | | | | |
| 1958..... | 3,108 | 14,215 | 2,355 | 4,720 | 9,457 | 22,921 | 4,574 | 4,016 | 9,733 | 2.42 | 2.00 | 2,004 |
| 1963..... | 3,732 | 19,953 | 2,641 | 5,178 | 12,981 | 30,279 | 5,346 | 4,915 | 11,465 | 2.33 | 2.51 | 1,961 |
| 1964..... | 3,698 | 20,002 | 2,587 | 4,815 | 12,982 | 31,010 | 5,409 | 5,018 | 11,987 | 2.39 | 2.70 | 1,861 |
| 1965..... | 4,392 | 24,106 | 3,169 | 6,095 | 15,695 | 38,099 | 5,489 | 4,953 | 12,022 | 2.43 | 2.58 | 1,923 |
| New Jersey: | | | | | | | | | | | | |
| 1958..... | 30,795 | 157,890 | 19,663 | 36,654 | 96,268 | 283,913 | 5,127 | 4,896 | 14,439 | 2.95 | 2.63 | 1,864 |
| 1963..... | 34,790 | 204,846 | 19,983 | 38,787 | 116,412 | 377,952 | 5,888 | 5,826 | 18,914 | 3.25 | 3.00 | 1,941 |
| 1964..... | 36,506 | 218,671 | 21,156 | 40,840 | 124,368 | 436,675 | 5,990 | 5,879 | 20,641 | 3.51 | 3.05 | 1,930 |
| 1965..... | 36,596 | 228,427 | 20,902 | 41,193 | 130,143 | 428,283 | 6,242 | 6,226 | 20,490 | 3.29 | 3.16 | 1,971 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PRINTING AND PUBLISHING--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| New Mexico: | | | | | | | | | | | | |
| 1958..... | 1,436 | 6,213 | 908 | 1,634 | 3,805 | 11,945 | 4,327 | 4,191 | 13,155 | 3.14 | 2.33 | 1,800 |
| 1963..... | 1,469 | 7,519 | 828 | 1,596 | 4,233 | 14,236 | 5,118 | 5,112 | 17,193 | 3.36 | 2.65 | 1,928 |
| 1964..... | 1,479 | 7,700 | 829 | 1,598 | 4,282 | 14,585 | 5,206 | 5,165 | 17,593 | 3.41 | 2.68 | 1,928 |
| 1965..... | 1,481 | 7,835 | 827 | 1,601 | 4,328 | 14,775 | 5,290 | 5,233 | 17,866 | 3.41 | 2.70 | 1,936 |
| New York: | | | | | | | | | | | | |
| 1958..... | 175,119 | 994,025 | 93,204 | 173,146 | 485,554 | 1,955,777 | 5,676 | 5,210 | 20,984 | 4.03 | 2.80 | 1,858 |
| 1963..... | 171,593 | 1,156,165 | 93,423 | 176,518 | 560,461 | 2,571,934 | 6,738 | 5,999 | 27,530 | 4.59 | 3.18 | 1,889 |
| 1964..... | 177,032 | 1,241,882 | 95,126 | 182,000 | 608,080 | 2,699,793 | 7,015 | 6,392 | 28,381 | 4.44 | 3.34 | 1,913 |
| 1965..... | 182,913 | 1,278,156 | 96,333 | 180,424 | 600,084 | 2,878,830 | 6,988 | 6,229 | 29,884 | 4.80 | 3.33 | 1,873 |
| North Carolina: | | | | | | | | | | | | |
| 1958..... | 8,825 | 37,620 | 5,903 | 11,360 | 23,130 | 62,663 | 4,263 | 3,918 | 10,615 | 2.71 | 2.04 | 1,925 |
| 1963..... | 10,152 | 48,762 | 6,732 | 13,217 | 29,442 | 85,829 | 4,803 | 4,373 | 12,749 | 2.92 | 2.23 | 1,963 |
| 1964..... | 10,677 | 52,918 | 7,009 | 13,581 | 30,828 | 93,811 | 4,956 | 4,398 | 13,384 | 3.04 | 2.27 | 1,938 |
| 1965..... | 10,639 | 52,838 | 6,937 | 13,791 | 31,664 | 96,169 | 4,966 | 4,565 | 13,863 | 3.04 | 2.30 | 1,988 |
| North Dakota: | | | | | | | | | | | | |
| 1958..... | 1,230 | 5,237 | 829 | 1,483 | 3,290 | 8,977 | 4,258 | 3,969 | 10,829 | 2.73 | 2.22 | 1,789 |
| 1963..... | 1,340 | 6,522 | 916 | 1,667 | 4,462 | 11,065 | 4,867 | 4,871 | 12,080 | 2.48 | 2.68 | 1,820 |
| 1964..... | 1,335 | 6,041 | 922 | 1,400 | 4,028 | 11,344 | 4,525 | 4,369 | 12,304 | 2.82 | 2.88 | 1,518 |
| 1965..... | 1,381 | 7,159 | 947 | 1,717 | 4,878 | 13,267 | 5,184 | 5,151 | 14,010 | 2.72 | 2.84 | 1,813 |
| Ohio: | | | | | | | | | | | | |
| 1958..... | 57,912 | 307,053 | 37,558 | 73,036 | 186,409 | 523,888 | 5,302 | 4,963 | 13,949 | 2.81 | 2.55 | 1,945 |
| 1963..... | 58,720 | 365,563 | 38,647 | 77,686 | 227,286 | 662,216 | 6,226 | 5,881 | 17,135 | 2.91 | 2.93 | 2,010 |
| 1964..... | 61,230 | 388,529 | 39,740 | 80,394 | 240,100 | 702,485 | 6,345 | 6,042 | 17,677 | 2.93 | 2.99 | 2,023 |
| 1965..... | 63,170 | 418,045 | 39,459 | 82,779 | 258,139 | 758,667 | 6,618 | 6,542 | 19,227 | 2.94 | 3.12 | 2,098 |
| Oklahoma: | | | | | | | | | | | | |
| 1958..... | 6,026 | 26,007 | 3,664 | 6,714 | 14,600 | 46,950 | 4,316 | 3,985 | 12,814 | 3.22 | 2.17 | 1,832 |
| 1963..... | 5,898 | 29,344 | 3,618 | 7,207 | 16,751 | 57,053 | 4,975 | 4,630 | 15,769 | 3.41 | 2.32 | 1,992 |
| 1964..... | 5,900 | 29,857 | 3,591 | 7,059 | 17,238 | 60,765 | 5,061 | 4,800 | 16,921 | 3.53 | 2.44 | 1,966 |
| 1965..... | 6,551 | 33,849 | 4,136 | 7,572 | 19,686 | 66,216 | 5,167 | 4,760 | 16,010 | 3.36 | 2.60 | 1,831 |
| Oregon: | | | | | | | | | | | | |
| 1958..... | 5,303 | 26,518 | 3,108 | 5,539 | 15,506 | 45,119 | 5,001 | 4,989 | 14,517 | 2.91 | 2.80 | 1,782 |
| 1963..... | 5,311 | 29,347 | 3,045 | 5,731 | 16,328 | 55,789 | 5,526 | 5,362 | 18,322 | 3.42 | 2.85 | 1,882 |
| 1964..... | 5,380 | 30,966 | 3,055 | 5,839 | 16,751 | 59,187 | 5,756 | 5,483 | 19,374 | 3.53 | 2.87 | 1,911 |
| 1965..... | 5,688 | 33,044 | 3,223 | 6,130 | 18,209 | 67,084 | 5,809 | 5,650 | 20,814 | 3.68 | 2.97 | 1,902 |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 64,279 | 326,325 | 41,702 | 80,553 | 204,272 | 548,607 | 5,077 | 4,898 | 13,155 | 2.69 | 2.54 | 1,932 |
| 1963..... | 63,416 | 374,681 | 41,891 | 80,614 | 237,615 | 680,753 | 5,908 | 5,672 | 16,251 | 2.86 | 2.95 | 1,924 |
| 1964..... | 63,045 | 389,336 | 41,532 | 80,594 | 243,145 | 717,643 | 6,176 | 5,854 | 17,279 | 2.95 | 3.02 | 1,941 |
| 1965..... | 63,428 | 399,413 | 40,615 | 80,683 | 250,120 | 796,808 | 6,297 | 6,158 | 19,619 | 3.19 | 3.10 | 1,987 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PRINTING AND PUBLISHING--Con.

| State and year | Total employment | | Production workers | | | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|------------------------|------------------|-------------------|--------------------|------------------|-----------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hour (1,000) | Wages (\$1,000) | | | | | | |
| Rhode Island: | | | | | | | | | | | |
| 1958..... | 3,640 | 17,911 | 2,447 | 4,521 | 11,208 | 4,921 | 4,580 | 12,172 | 2.66 | 2.48 | 1,848 |
| 1963..... | 3,910 | 23,028 | 2,623 | 5,027 | 14,743 | 5,621 | 5,621 | 14,633 | 2.60 | 2.93 | 1,917 |
| 1964..... | 3,987 | 24,114 | 2,671 | 5,138 | 15,515 | 6,048 | 5,809 | 15,140 | 2.61 | 3.02 | 1,924 |
| 1965..... | 3,674 | 24,391 | 2,469 | 4,984 | 14,510 | 6,639 | 5,877 | 16,205 | 2.76 | 2.93 | 2,006 |
| South Carolina: | | | | | | | | | | | |
| 1958..... | 3,135 | 13,184 | 1,892 | 3,547 | 7,564 | 4,205 | 3,998 | 11,739 | 2.94 | 2.13 | 1,875 |
| 1963..... | 3,582 | 16,440 | 2,141 | 4,146 | 8,980 | 4,590 | 4,194 | 15,277 | 3.64 | 2.17 | 1,936 |
| 1964..... | 3,401 | 16,548 | 1,924 | 4,181 | 9,028 | 4,866 | 4,922 | 17,402 | 3.71 | 2.16 | 2,173 |
| 1965..... | 4,237 | 19,974 | 2,732 | 5,057 | 11,837 | 4,714 | 4,333 | 13,973 | 3.22 | 2.34 | 1,851 |
| South Dakota: | | | | | | | | | | | |
| 1958..... | 1,535 | 5,786 | 1,030 | 1,830 | 3,643 | 3,769 | 3,537 | 9,554 | 2.70 | 1.99 | 1,777 |
| 1963..... | 1,570 | 6,940 | 1,017 | 1,928 | 4,364 | 4,420 | 4,291 | 12,697 | 2.96 | 2.26 | 1,896 |
| 1964..... | 1,572 | 7,129 | 1,024 | 1,947 | 4,432 | 4,535 | 4,328 | 12,939 | 2.99 | 2.28 | 1,901 |
| 1965..... | 1,629 | 7,282 | 1,065 | 1,956 | 4,662 | 4,470 | 4,377 | 12,563 | 2.87 | 2.38 | 1,837 |
| Tennessee: | | | | | | | | | | | |
| 1958..... | 12,245 | 55,277 | 8,354 | 16,017 | 36,033 | 4,514 | 4,313 | 11,734 | 2.72 | 2.25 | 1,917 |
| 1963..... | 14,461 | 75,154 | 9,167 | 18,430 | 46,154 | 5,197 | 5,035 | 14,816 | 2.94 | 2.50 | 2,010 |
| 1964..... | 14,778 | 78,917 | 9,518 | 19,083 | 49,085 | 5,340 | 5,157 | 14,689 | 2.85 | 2.57 | 2,005 |
| 1965..... | 16,661 | 90,955 | 10,519 | 21,637 | 53,742 | 5,459 | 5,109 | 16,246 | 3.18 | 2.48 | 2,057 |
| Texas: | | | | | | | | | | | |
| 1958..... | 26,544 | 116,937 | 16,329 | 30,378 | 69,199 | 4,405 | 4,238 | 12,939 | 3.05 | 2.28 | 1,860 |
| 1963..... | 29,561 | 150,861 | 18,349 | 36,070 | 89,860 | 5,103 | 4,897 | 15,395 | 3.14 | 2.49 | 1,966 |
| 1964..... | 30,032 | 158,520 | 18,481 | 36,169 | 94,891 | 5,278 | 5,135 | 16,132 | 3.14 | 2.62 | 1,957 |
| 1965..... | 30,867 | 168,187 | 19,318 | 38,824 | 102,070 | 5,449 | 5,284 | 16,305 | 3.09 | 2.63 | 2,010 |
| Utah: | | | | | | | | | | | |
| 1958..... | 2,019 | 8,873 | 1,377 | 2,525 | 6,226 | 4,395 | 4,521 | 13,765 | 3.04 | 2.47 | 1,834 |
| 1963..... | 2,697 | 14,092 | 1,794 | 3,518 | 9,378 | 5,225 | 5,378 | 17,480 | 3.34 | 2.67 | 1,961 |
| 1964..... | 2,784 | 15,717 | 1,935 | 3,943 | 10,559 | 5,645 | 5,457 | 16,373 | 3.00 | 2.68 | 2,038 |
| 1965..... | 2,561 | 14,515 | 1,702 | 3,393 | 10,350 | 5,668 | 6,081 | 17,723 | 2.91 | 3.05 | 1,994 |
| Vermont: | | | | | | | | | | | |
| 1958..... | 2,178 | 8,788 | 1,699 | 3,420 | 6,347 | 4,035 | 3,736 | 8,384 | 2.34 | 1.86 | 2,013 |
| 1963..... | 2,378 | 11,250 | 1,741 | 3,193 | 8,124 | 4,731 | 4,666 | 11,569 | 2.48 | 2.54 | 1,834 |
| 1964..... | 2,465 | 13,371 | 1,781 | 3,310 | 8,755 | 5,424 | 4,916 | 13,194 | 2.68 | 2.65 | 1,859 |
| 1965..... | 4,132 | 15,939 | 3,550 | 6,410 | 11,750 | 3,857 | 3,310 | 5,754 | 1.74 | 1.83 | 1,806 |
| Virginia: | | | | | | | | | | | |
| 1958..... | 9,618 | 40,714 | 5,958 | 11,705 | 24,257 | 4,233 | 4,071 | 11,117 | 2.73 | 2.07 | 1,965 |
| 1963..... | 10,643 | 53,074 | 7,329 | 14,258 | 34,094 | 4,987 | 4,652 | 12,459 | 2.68 | 2.39 | 1,945 |
| 1964..... | 10,694 | 56,025 | 6,928 | 13,767 | 33,870 | 5,239 | 4,889 | 14,559 | 2.68 | 2.46 | 1,987 |
| 1965..... | 10,893 | 56,825 | 7,372 | 14,660 | 36,659 | 5,217 | 4,973 | 13,254 | 2.67 | 2.50 | 1,989 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, PRINTING AND PUBLISHING--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (\$) | Wages per production worker (\$) | Value added per production worker (\$) | Value added per dollar of wages (\$) | Wages per production worker man-hour (\$) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|---------------------------|----------------------------------|--|--------------------------------------|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Washington: | | | | | | | | | | | | |
| 1958..... | 8,058 | 41,638 | 4,600 | 7,836 | 24,166 | 72,252 | 5,167 | 5,253 | 15,707 | 2.99 | 3.08 | 1,703 |
| 1963..... | 8,469 | 50,675 | 4,822 | 8,609 | 28,624 | 87,051 | 5,984 | 5,936 | 18,053 | 3.04 | 3.32 | 1,785 |
| 1964..... | 8,416 | 51,264 | 4,764 | 8,378 | 28,806 | 94,739 | 6,091 | 6,047 | 19,886 | 3.29 | 3.44 | 1,759 |
| 1965..... | 8,891 | 59,328 | 5,617 | 9,743 | 35,648 | 97,795 | 6,673 | 6,346 | 17,411 | 2.74 | 3.66 | 1,735 |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 3,677 | 15,199 | 2,026 | 3,847 | 8,419 | 25,057 | 4,134 | 4,155 | 12,368 | 2.98 | 2.19 | 1,899 |
| 1963..... | 3,439 | 15,802 | 1,998 | 5,073 | 9,349 | 38,603 | 4,595 | 4,679 | 19,321 | 4.13 | 1.84 | 2,539 |
| 1964..... | 3,651 | 17,135 | 2,060 | 5,274 | 9,778 | 41,457 | 4,693 | 4,747 | 20,125 | 4.24 | 1.85 | 2,560 |
| 1965..... | 3,628 | 16,335 | 2,168 | 5,683 | 8,866 | 45,739 | 4,502 | 4,089 | 21,097 | 5.16 | 1.56 | 2,621 |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 20,687 | 106,109 | 13,068 | 24,743 | 64,109 | 165,821 | 5,129 | 4,906 | 12,689 | 2.59 | 2.59 | 1,893 |
| 1963..... | 22,027 | 127,393 | 13,590 | 26,543 | 76,214 | 226,093 | 5,783 | 5,608 | 16,637 | 2.97 | 2.87 | 1,953 |
| 1964..... | 22,223 | 132,890 | 13,625 | 27,204 | 80,170 | 240,869 | 5,980 | 5,884 | 17,678 | 3.00 | 2.95 | 1,997 |
| 1965..... | 25,015 | 159,601 | 16,564 | 32,269 | 103,711 | 279,182 | 6,380 | 6,261 | 16,855 | 2.69 | 3.21 | 1,948 |
| Wyoming: | | | | | | | | | | | | |
| 1958..... | 620 | 2,710 | 416 | 756 | 1,686 | 4,648 | 4,371 | 4,053 | 11,173 | 2.76 | 2.23 | 1,817 |
| 1963..... | 695 | 3,292 | 384 | 775 | 1,959 | 6,093 | 4,737 | 5,102 | 15,867 | 3.11 | 2.53 | 2,018 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | 688 | 3,497 | 347 | 746 | 1,886 | 7,118 | 5,083 | 5,435 | 20,513 | 3.77 | 2.53 | 2,150 |

Table II-2a.--CAPITAL EXPENDITURES AND SELECTED RATIOS, PAPER AND ALLIED PRODUCTS,
BY STATE, 1958 AND 1963-65

| Industry and state | Capital expenditures (millions of dollars) | | | | | Average annual capital expendi- tures per \$1,000 of value added, 1963-65 (dollars) | Average annual capital expendi- tures per production worker, 1963-65 (dollars) | Percent distribu- tion of paper and allied capital expendi- tures, 1963-65 |
|---------------------------------------|---|------------------|----------|----------|----------|--|--|--|
| | 1958 | Total 1963-65 | 1963 | 1964 | 1965 | | | |
| All manufacturing. | 9,075.8 | 41,291.1 | 11,397.3 | 13,287.2 | 16,606.6 | 66 | 1,095 | |
| Paper and allied products, total.. | 618.5 | 2,766.9 | 708.5 | 901.9 | 1,156.5 | 117 | 1,951 | 100.0 |
| Alabama..... | 14.7 | 123.4 | 16.1 | 53.1 | 54.2 | 220 | 4,009 | 4.4 |
| Alaska..... | n.a. | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arkansas..... | 9.6 | 38.6 | 20.4 | 11.6 | 6.6 | 106 | 2,121 | 1.4 |
| California..... | 26.5 | 201.1 | 34.3 | 50.5 | 116.3 | 177 | 2,876 | 7.3 |
| Colorado..... | 1.0 | 2.3 | 0.6 | 0.7 | 1.0 | 37 | 640 | 0.1 |
| Connecticut..... | 24.1 | 19.1 | 5.4 | 5.7 | 8.0 | 68 | 1,003 | 0.7 |
| Delaware..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| District of Columbia | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida..... | 30.2 | 75.8 | 19.7 | 30.0 | 26.1 | 108 | 2,240 | 2.7 |
| Georgia..... | 14.4 | 147.0 | 52.9 | 33.0 | 61.1 | 131 | 2,896 | 5.3 |
| Hawaii..... | n.a. | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Idaho..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Illinois..... | 23.4 | 92.1 | 30.3 | 26.9 | 34.9 | 77 | 1,095 | 3.3 |
| Indiana..... | 9.5 | 26.4 | 7.7 | 7.8 | 10.9 | 63 | 897 | 0.9 |
| Iowa..... | 1.3 | 9.7 | 2.2 | 3.2 | 4.3 | 76 | 1,297 | 0.3 |
| Kansas..... | 1.5 | 5.2 | 2.1 | 2.1 | 1.0 | 62 | 800 | 0.2 |
| Kentucky..... | 3.6 | 6.7 | 1.9 | 2.6 | 2.2 | 62 | 760 | 0.2 |
| Louisiana..... | 12.4 | 105.9 | 26.2 | 30.4 | 49.3 | 163 | 2,852 | 3.8 |
| Maine..... | 22.2 | 135.4 | 33.0 | 36.9 | 65.5 | 190 | 3,347 | 4.9 |
| Maryland..... | 15.5 | 43.2 | 8.6 | 14.1 | 20.5 | 120 | 1,874 | 1.6 |
| Massachusetts..... | 17.1 | 82.5 | 22.4 | 25.3 | 34.8 | 72 | 1,024 | 3.0 |
| Michigan..... | 47.1 | 102.1 | 27.9 | 31.0 | 43.2 | 95 | 1,524 | 3.7 |
| Minnesota..... | 18.5 | 61.6 | 22.8 | 20.0 | 18.8 | 104 | 1,878 | 2.2 |
| Mississippi..... | 14.3 | 24.8 | 7.2 | 9.6 | 8.0 | 133 | 1,928 | 0.9 |
| Missouri..... | 4.1 | 21.5 | 6.4 | 7.5 | 7.6 | 58 | 774 | 0.8 |
| Montana..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nebraska..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nevada..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire..... | 3.3 | 32.6 | 5.9 | 17.3 | 9.4 | 160 | 2,343 | 1.2 |
| New Jersey..... | 17.3 | 94.1 | 29.2 | 24.0 | 40.9 | 81 | 1,291 | 3.4 |
| New Mexico..... | n.a. | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| New York..... | 33.5 | 144.9 | 48.4 | 47.2 | 49.3 | 75 | 992 | 5.2 |
| North Carolina..... | 23.6 | 114.3 | 14.2 | 39.5 | 60.6 | 198 | 3,615 | 4.1 |
| North Dakota..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Ohio..... | 26.3 | 116.2 | 29.5 | 48.5 | 38.3 | 82 | 1,288 | 4.2 |
| Oklahoma..... | 0.4 | 5.9 | 1.4 | 0.8 | 3.7 | 134 | 2,812 | 0.2 |
| Oregon..... | 11.3 | 95.7 | 18.9 | 24.8 | 52.0 | 247 | 5,391 | 3.4 |
| Pennsylvania..... | 43.8 | 136.1 | 34.3 | 48.4 | 53.4 | 91 | 1,390 | 4.9 |
| Rhode Island..... | 0.8 | 3.2 | 0.9 | 1.2 | 1.1 | 62 | 559 | 0.1 |
| South Carolina..... | 17.5 | 85.1 | 26.5 | 37.5 | 21.1 | 185 | 3,763 | 3.1 |
| South Dakota..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee..... | 17.6 | 59.4 | 12.4 | 13.6 | 33.4 | 115 | 2,401 | 2.1 |
| Texas..... | 31.1 | 77.7 | 11.9 | 19.5 | 46.3 | 158 | 2,715 | 2.8 |
| Utah..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Vermont..... | 0.9 | 3.4 | 1.3 | 1.2 | 0.9 | 37 | 641 | 0.1 |
| Virginia..... | 32.2 | 93.0 | 27.7 | 34.2 | 31.1 | 162 | 3,140 | 3.4 |
| Washington..... | 14.5 | 129.5 | 26.3 | 34.7 | 68.5 | 126 | 2,810 | 4.7 |
| West Virginia..... | 0.5 | 8.6 | 5.5 | 2.3 | 0.8 | 212 | 2,238 | 0.3 |
| Wisconsin..... | 28.0 | 188.9 | 59.2 | 63.1 | 66.6 | 119 | 2,102 | 6.8 |
| Wyoming..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-2b.--CAPITAL EXPENDITURES AND SELECTED RATIOS, PRINTING AND PUBLISHING,
BY STATE 1958 AND 1963-65

| Industry and state | Capital expenditures (millions of dollars) | | | | | Average annual capital expendi- tures per \$1,000 of value added, 1963-65 (dollars) | Average annual capital expendi- tures per production worker, 1963-65 (dollars) | Percent distribu- tion of printing and pub- lication capital expendi- tures, 1963-65 |
|--|---|------------------|----------|----------|----------|--|--|---|
| | 1958 | Total 1963-65 | 1963 | 1964 | 1965 | | | |
| All manufacturing. | 9,075.8 | 41,291.1 | 11,397.3 | 13,287.2 | 16,606.6 | 66 | 1,095 | |
| Printing and pub- lishing, total... | 408.6 | 1,463.8 | 463.9 | 464.5 | 535.4 | 44 | 855 | 100.0 |
| Alabama..... | 2.2 | 12.4 | 2.4 | 4.9 | 5.1 | 79 | 1,084 | 0.8 |
| Alaska..... | n.a. | n.a. | 0.1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | 2.6 | n.a. | 1.7 | (*) | 2.4 | n.a. | n.a. | n.a. |
| Arkansas..... | 2.2 | 7.2 | 2.3 | 0.7 | 4.2 | 55 | 817 | 0.5 |
| California..... | 29.4 | 109.2 | 35.1 | 32.8 | 41.3 | 169 | 786 | 7.5 |
| Colorado..... | 2.7 | 9.1 | 3.0 | 2.1 | 4.0 | 38 | 616 | 0.6 |
| Connecticut..... | 7.0 | 28.4 | 9.6 | 10.1 | 8.7 | 52 | 863 | 1.9 |
| Delaware..... | 0.3 | 3.4 | 0.9 | 1.1 | 1.4 | 73 | 1,232 | 0.2 |
| District of Columbia | 10.3 | 22.0 | 8.6 | 6.1 | 7.3 | 42 | 1,090 | 1.5 |
| Florida..... | 8.7 | 29.0 | 15.0 | 6.1 | 7.9 | 60 | 1,082 | 2.0 |
| Georgia..... | 6.8 | 14.7 | 3.9 | 6.5 | 4.3 | 46 | 672 | 1.0 |
| Hawaii..... | n.a. | n.a. | 0.5 | 0.1 | (*) | n.a. | n.a. | n.a. |
| Idaho..... | 0.4 | 2.5 | 0.6 | 0.4 | 1.5 | 49 | 904 | 0.2 |
| Illinois..... | 45.3 | 177.4 | 53.8 | 66.5 | 57.1 | 46 | 945 | 12.1 |
| Indiana..... | 15.0 | 78.5 | 13.5 | 35.7 | 29.3 | 108 | 1,727 | 5.4 |
| Iowa..... | 9.6 | 23.8 | 4.8 | 2.6 | 16.4 | 56 | 1,115 | 1.6 |
| Kansas..... | 4.0 | 17.6 | 5.4 | 6.9 | 5.3 | 82 | 985 | 1.2 |
| Kentucky..... | 3.9 | 16.9 | 5.5 | 5.4 | 6.0 | 67 | 884 | 1.1 |
| Louisiana..... | 1.7 | 9.9 | 1.8 | 1.1 | 7.0 | 55 | 952 | 0.7 |
| Maine..... | 1.0 | 6.8 | 0.7 | 0.1 | 6.0 | 99 | 1,549 | 0.5 |
| Maryland..... | 3.3 | 24.1 | 10.0 | 7.1 | 7.0 | 49 | 789 | 1.6 |
| Massachusetts..... | 22.6 | 52.7 | 18.4 | 13.8 | 20.5 | 37 | 639 | 3.6 |
| Michigan..... | 11.5 | 40.3 | 16.0 | 12.7 | 11.6 | 40 | 742 | 2.7 |
| Minnesota..... | 7.1 | 32.0 | 9.3 | 10.7 | 12.0 | 48 | 794 | 2.2 |
| Mississippi..... | 1.2 | n.a. | 0.9 | (*) | 0.2 | n.a. | n.a. | n.a. |
| Missouri..... | 8.4 | 50.2 | 14.4 | 17.8 | 18.0 | 53 | 979 | 3.4 |
| Montana..... | 1.4 | n.a. | 0.5 | (*) | 0.8 | n.a. | n.a. | n.a. |
| Nebraska..... | 2.5 | 6.0 | 3.1 | 1.8 | 1.1 | 38 | 579 | 0.4 |
| Nevada..... | 0.3 | 1.0 | 0.6 | 0.2 | 0.2 | 27 | 405 | 0.1 |
| New Hampshire..... | 1.0 | 4.0 | 1.4 | 0.5 | 2.1 | 40 | 476 | 0.3 |
| New Jersey..... | 12.3 | 47.6 | 15.9 | 14.5 | 17.2 | 38 | 767 | 3.2 |
| New Mexico..... | 1.4 | n.a. | 0.7 | (*) | (*) | n.a. | n.a. | n.a. |
| New York..... | 65.4 | 215.9 | 75.3 | 65.1 | 75.5 | 24 | 758 | 14.7 |
| North Carolina..... | 5.2 | 11.8 | 5.1 | 2.9 | 3.8 | 43 | 571 | 0.8 |
| North Dakota..... | 0.7 | 2.2 | 0.7 | 1.1 | 0.4 | 62 | 790 | 0.2 |
| Ohio..... | 33.7 | 123.6 | 40.9 | 39.4 | 43.3 | 58 | 1,049 | 8.4 |
| Oklahoma..... | 2.3 | 9.1 | 3.8 | 1.5 | 3.8 | 49 | 802 | 0.6 |
| Oregon..... | 1.6 | 7.7 | 2.9 | 0.9 | 3.9 | 42 | 826 | 0.5 |
| Pennsylvania..... | 29.2 | 76.6 | 26.0 | 23.4 | 27.2 | 35 | 618 | 5.2 |
| Rhode Island..... | 1.7 | 6.6 | 2.6 | 1.1 | 2.9 | 56 | 850 | 0.4 |
| South Carolina..... | 0.8 | 8.9 | 1.9 | 3.4 | 3.6 | 85 | 1,309 | 0.6 |
| South Dakota..... | 0.6 | n.a. | 0.7 | 0.1 | (*) | n.a. | n.a. | n.a. |
| Tennessee..... | 6.4 | 24.4 | 9.1 | 4.8 | 10.5 | 55 | 835 | 1.7 |
| Texas..... | 12.1 | 48.5 | 13.3 | 13.7 | 21.5 | 54 | 864 | 3.3 |
| Utah..... | 0.8 | 3.6 | 1.0 | 2.2 | 0.4 | 39 | 663 | 0.2 |
| Vermont..... | 0.7 | 3.2 | 1.2 | 1.1 | 0.9 | 50 | 452 | 0.2 |
| Virginia..... | 3.3 | 23.2 | 5.6 | 5.7 | 11.9 | 80 | 1,072 | 1.6 |
| Washington..... | 3.3 | 10.9 | 4.6 | 3.8 | 2.5 | 39 | 2,095 | 0.7 |
| West Virginia..... | 2.6 | 10.4 | 1.2 | 4.7 | 4.5 | 83 | 1,670 | 0.7 |
| Wisconsin..... | 11.8 | 31.8 | 9.1 | 9.9 | 12.8 | 43 | 726 | 2.2 |
| Wyoming..... | 0.3 | n.a. | 0.3 | (*) | (*) | n.a. | n.a. | n.a. |

Table II-3.--NUMBER OF COMPANIES AND ESTABLISHMENTS PAPER AND PRINTING, BY FOUR-DIGIT INDUSTRY, 1963

| SIC code | Title | Number of companies | Number of establishments | |
|---------------------------|---|---------------------------|--------------------------|-------------------------|
| | | | Total | 20 or more employees |
| PAPER AND ALLIED PRODUCTS | | | | |
| 2611 | Pulp Mills..... | 34 | 45 | 40 |
| 2621 | Paper Mills, Except Building..... | 186 | 325 | 313 |
| 2631 | Paperboard Mills..... | 146 | 271 | 259 |
| 264X | Sanitary and Converted Paper Products, n.e.c..... | n.a. | 729 | 316 |
| 2641 | Paper Coating and Glazing..... | 323 | 387 | 181 |
| 2642 | Envelopes..... | 180 | 230 | 173 |
| 2643 | Bags, Except Textile Bags..... | 495 | 586 | 297 |
| 2644 | Wallpaper..... | 77 | 79 | 31 |
| 2645 | Die Cut Paper and Board..... | 370 | 425 | 156 |
| 2646 | Pressed and Molded Pulp Goods..... | 43 | 59 | 42 |
| 2651 | Folding Paperboard Boxes..... | 534 | 636 | 418 |
| 2652 | Set-Up Paperboard Boxes..... | 474 | 503 | 317 |
| 2653 | Corrugated Shipping Containers..... | 534 | 923 | 651 |
| 2654 | Sanitary Food Containers..... | 98 | 186 | 144 |
| 2655 | Fiber Cans, Tubes, Drums, etc..... | 166 | 246 | 137 |
| 2661 | Building Paper and Board Mills..... | 33 | 83 | 77 |
| PRINTING AND PUBLISHING | | | | |
| 2711 | Newspapers..... | 7,892 | 8,331 | 1,865 |
| 2721 | Periodicals..... | 2,562 | 2,630 | 402 |
| 2731 | Books, Publishing and Printing..... | 936 | 993 | 256 |
| 2732 | Book Printing..... | 662 | 683 | 275 |
| 2741 | Miscellaneous Publishing..... | 1,308 | 1,374 | 177 |
| 275X | Commercial Printing, excluding Engraving..... | n.a. | 18,931 | 2,743 |
| 2753 | Engraving and Plate Printing..... | 574 | 580 | 105 |
| 2761 | Manifold Business Forms..... | 439 | 502 | 250 |
| 2771 | Greeting Card Manufacturing..... | 239 | 257 | 93 |
| 2782 | Blankbooks, Looseleaf binders..... | 380 | 410 | 158 |
| 2789 | Bookbinding and Related Work..... | 1,038 | 1,043 | 311 |
| 2791 | Typesetting..... | 1,271 | 1,289 | 282 |
| 2793 | Photoengraving..... | 872 | 883 | 218 |
| 2794 | Electrotyping and Sterotyping..... | 170 | 184 | 80 |

Table II-4.-GENERAL STATISTICS AND SELECTED RATIOS, PAPER AND PRINTING, BY 4-DIGIT INDUSTRY, 1958-66

PAPER AND ALLIED PRODUCTS

SIC 2611 PULP MILLS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS MAN HOURS (\$1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 14,171 | 74,797 | 11,450 | 22,648 | 56,491 | 196,026 | 427,997 | 42,996 |
| 1959 | 14,463 | 87,064 | 11,680 | 24,511 | 64,786 | 224,947 | 481,025 | 91,900 |
| 1960 | 14,487 | 89,943 | 11,533 | 24,165 | 66,179 | 201,192 | 471,882 | 35,248 |
| 1961 | 13,617 | 87,860 | 10,760 | 22,488 | 64,548 | 196,186 | 437,601 | 49,100 |
| 1962 | 13,949 | 93,376 | 11,062 | 22,969 | 69,278 | 195,377 | 453,591 | 33,758 |
| 1963 | 15,123 | 107,359 | 12,242 | 25,156 | 81,018 | 295,804 | 609,050 | 38,899 |
| 1964 | 15,343 | 113,606 | 12,361 | 25,667 | 85,027 | 331,555 | 662,821 | 66,636 |
| 1965 | 14,786 | 112,283 | 11,953 | 24,788 | 84,459 | 346,086 | 658,520 | 112,225 |
| 1966 | 15,937 | 123,459 | 12,699 | 26,068 | 92,481 | 364,531 | 725,496 | 113,333 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 45.8 | 5,278 | 4,934 | 37,380 | 17,120 | 3.470 | 2.494 | 1,978 |
| 1959 | 46.8 | 6,020 | 5,547 | 41,184 | 19,259 | 3.472 | 2.643 | 2,099 |
| 1960 | 42.6 | 6,209 | 5,738 | 40,916 | 17,445 | 3.040 | 2.739 | 2,095 |
| 1961 | 44.8 | 6,452 | 5,999 | 40,669 | 18,233 | 3.039 | 2.870 | 2,090 |
| 1962 | 43.1 | 6,694 | 6,263 | 41,004 | 17,662 | 2.820 | 3.016 | 2,076 |
| 1963 | 48.6 | 7,099 | 6,618 | 49,751 | 24,163 | 3.651 | 3.221 | 2,055 |
| 1964 | 50.0 | 7,404 | 6,879 | 53,622 | 26,823 | 3.899 | 3.313 | 2,076 |
| 1965 | 52.6 | 7,594 | 7,066 | 55,092 | 28,954 | 4.098 | 3.407 | 2,074 |
| 1966 | 50.2 | 7,747 | 7,283 | 57,130 | 28,705 | 3.942 | 3.548 | 2,053 |

SIC 2621 PAPER MILLS, EXCEPT BUILDING

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS MAN HOURS (\$1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 131,334 | 740,988 | 109,266 | 238,433 | 570,040 | 1,542,746 | 3,259,415 | 258,769 |
| 1959 | 134,799 | 790,174 | 111,805 | 247,826 | 614,642 | 1,829,909 | 3,668,595 | 214,497 |
| 1960 | 136,665 | 820,311 | 112,702 | 246,257 | 629,916 | 1,876,971 | 3,754,677 | 246,474 |
| 1961 | 132,423 | 817,960 | 108,447 | 237,687 | 638,057 | 1,865,237 | 3,712,941 | 285,235 |
| 1962 | 132,348 | 859,852 | 108,714 | 238,277 | 663,545 | 1,904,949 | 3,857,202 | 277,099 |
| 1963 | 129,848 | 877,942 | 105,636 | 234,596 | 682,034 | 1,857,203 | 3,824,915 | 232,778 |
| 1964 | 129,638 | 917,573 | 105,807 | 235,972 | 709,874 | 1,973,953 | 4,000,030 | 295,580 |
| 1965 | 132,633 | 963,314 | 107,241 | 238,067 | 743,329 | 2,066,160 | 4,318,190 | 496,239 |
| 1966 | 135,018 | 1,043,333 | 109,067 | 246,175 | 804,396 | 2,330,345 | 4,804,788 | 574,992 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 47.3 | 5,642 | 5,217 | 29,830 | 14,119 | 2.706 | 2.391 | 2,182 |
| 1959 | 49.9 | 5,862 | 5,497 | 32,812 | 16,367 | 2.977 | 2.480 | 2,217 |
| 1960 | 50.0 | 6,002 | 5,589 | 33,315 | 16,654 | 2.980 | 2.558 | 2,185 |
| 1961 | 50.2 | 6,177 | 5,884 | 34,237 | 17,200 | 2.923 | 2.687 | 2,190 |
| 1962 | 49.4 | 6,497 | 6,104 | 35,480 | 17,523 | 2.871 | 2.785 | 2,192 |
| 1963 | 48.6 | 6,761 | 6,456 | 36,208 | 17,581 | 2.723 | 2.907 | 2,221 |
| 1964 | 49.3 | 7,078 | 6,709 | 37,805 | 18,656 | 2.781 | 3.008 | 2,230 |
| 1965 | 47.8 | 7,263 | 6,931 | 40,266 | 19,267 | 2.780 | 3.122 | 2,220 |
| 1966 | 48.5 | 7,727 | 7,375 | 44,054 | 21,366 | 2.897 | 3.268 | 2,257 |

SIC 2631 PAPERBOARD MILLS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS MAN HOURS (\$1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 57,086 | 321,765 | 47,533 | 102,760 | 252,164 | 840,057 | 1,690,918 | 102,100 |
| 1959 | 58,481 | 349,772 | 47,505 | 107,918 | 269,360 | 907,027 | 1,875,646 | 117,270 |
| 1960 | 58,325 | 353,779 | 46,887 | 105,154 | 271,080 | 940,353 | 1,882,496 | 135,713 |
| 1961 | 56,895 | 360,432 | 45,741 | 102,566 | 275,573 | 921,173 | 1,899,854 | 108,400 |
| 1962 | 58,491 | 382,468 | 47,108 | 105,222 | 293,844 | 995,400 | 2,034,577 | 125,585 |
| 1963 | 63,398 | 429,017 | 51,334 | 113,145 | 326,960 | 1,186,224 | 2,315,954 | 159,528 |
| 1964 | 64,236 | 450,445 | 52,043 | 116,291 | 345,274 | 1,271,367 | 2,491,068 | 214,441 |
| 1965 | 64,586 | 469,676 | 52,186 | 116,263 | 360,129 | 1,382,813 | 2,652,518 | 200,117 |
| 1966 | 65,156 | 499,303 | 52,280 | 116,540 | 380,102 | 1,460,524 | 2,853,355 | 255,031 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 49.7 | 5,636 | 5,305 | 35,574 | 17,673 | 3.331 | 2.454 | 2,162 |
| 1959 | 48.4 | 5,913 | 5,670 | 39,483 | 19,093 | 3.367 | 2.496 | 2,272 |
| 1960 | 50.0 | 6,066 | 5,782 | 40,150 | 20,056 | 3.469 | 2.578 | 2,243 |
| 1961 | 48.5 | 6,335 | 6,025 | 41,535 | 20,139 | 3.343 | 2.687 | 2,242 |
| 1962 | 48.9 | 6,539 | 6,238 | 43,190 | 21,130 | 3.388 | 2.793 | 2,234 |
| 1963 | 51.2 | 6,767 | 6,369 | 45,115 | 23,108 | 3.628 | 2.890 | 2,204 |
| 1964 | 51.0 | 7,012 | 6,634 | 47,866 | 24,429 | 3.682 | 2.969 | 2,235 |
| 1965 | 52.1 | 7,272 | 6,901 | 50,828 | 26,498 | 3.840 | 3.098 | 2,228 |
| 1966 | 51.2 | 7,663 | 7,271 | 54,578 | 27,937 | 3.842 | 3.262 | 2,229 |

SIC 264X SANITARY & CONVERTED PAPER PRODUCTS NEC

| YEAR | TOTAL EMPLOYMENT | PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------|--------------------|-----------|-----------|-----------|--------------|
| | NUMBER | | | MAN HOURS | WAGES | ADDED | SHIPMENTS | EXPENDITURES |
| | | | | (1,000) | (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) |
| 1958 | 46,892 | 213,489 | 37,353 | 71,999 | 145,481 | 463,668 | 1,245,092 | 26,504 |
| 1959 | 47,932 | 229,070 | 38,446 | 74,873 | 154,908 | 541,752 | 1,356,214 | 20,834 |
| 1960 | 47,893 | 237,757 | 37,875 | 74,443 | 158,842 | 553,989 | 1,395,634 | 31,260 |
| 1961 | 48,837 | 248,417 | 38,969 | 75,999 | 167,403 | 597,355 | 1,482,331 | 24,567 |
| 1962 | 50,162 | 261,175 | 39,759 | 77,846 | 175,897 | 618,812 | 1,543,470 | 33,627 |
| 1963 | 48,622 | 254,441 | 37,475 | 75,937 | 177,983 | 672,257 | 1,574,769 | 28,481 |
| 1964 | 49,371 | 265,987 | 38,184 | 77,250 | 185,317 | 704,638 | 1,622,130 | 40,563 |
| 1965 | 51,826 | 289,188 | 41,071 | 82,082 | 202,052 | 787,454 | 1,840,961 | 69,158 |
| 1966 | 54,669 | 318,301 | 43,912 | 88,059 | 224,817 | 920,262 | 2,026,183 | 75,119 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 37.2 | 4,553 | 3,895 | 33,333 | 12,413 | 3.187 | 2.021 | 1,928 |
| 1959 | 39.9 | 4,779 | 4,029 | 35,276 | 14,091 | 3.497 | 2.069 | 1,947 |
| 1960 | 39.7 | 4,964 | 4,194 | 36,848 | 14,627 | 3.488 | 2.134 | 1,965 |
| 1961 | 40.3 | 5,087 | 4,296 | 38,039 | 15,329 | 3.568 | 2.203 | 1,950 |
| 1962 | 40.1 | 5,207 | 4,424 | 38,821 | 15,564 | 3.518 | 2.260 | 1,958 |
| 1963 | 42.7 | 5,233 | 4,749 | 42,022 | 17,939 | 3.777 | 2.344 | 2,026 |
| 1964 | 43.4 | 5,388 | 4,853 | 42,482 | 18,454 | 3.802 | 2.399 | 2,023 |
| 1965 | 42.8 | 5,580 | 4,920 | 44,824 | 19,173 | 3.897 | 2.462 | 1,999 |
| 1966 | 45.4 | 5,822 | 5,120 | 46,142 | 20,957 | 4.093 | 2.553 | 2,005 |

SIC 2641 PAPER COATING & GLAZING

| YEAR | TOTAL EMPLOYMENT | PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------|--------------------|-----------|-----------|-----------|--------------|
| | NUMBER | | | MAN HOURS | WAGES | ADDED | SHIPMENTS | EXPENDITURES |
| | | | | (1,000) | (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) |
| 1958 | 27,794 | 143,476 | 20,652 | 43,399 | 94,206 | 319,588 | 805,185 | 16,837 |
| 1959 | 28,958 | 158,404 | 21,476 | 46,031 | 103,944 | 364,923 | 908,736 | 29,270 |
| 1960 | 29,577 | 167,723 | 21,736 | 46,055 | 108,153 | 386,207 | 941,611 | 20,718 |
| 1961 | 29,699 | 176,806 | 21,479 | 45,929 | 113,137 | 412,952 | 979,447 | 31,185 |
| 1962 | 31,143 | 190,568 | 22,276 | 47,813 | 121,179 | 469,952 | 1,114,831 | 36,734 |
| 1963 | 31,983 | 200,794 | 23,262 | 49,931 | 130,287 | 457,367 | 1,161,604 | 45,602 |
| 1964 | 31,670 | 200,757 | 22,438 | 49,592 | 129,945 | 467,216 | 1,167,411 | 36,574 |
| 1965 | 33,333 | 225,713 | 23,906 | 51,980 | 144,706 | 525,745 | 1,289,756 | 38,971 |
| 1966 | 35,631 | 240,330 | 24,847 | 54,061 | 154,466 | 588,661 | 1,383,474 | 49,743 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 39.7 | 5,162 | 4,562 | 38,988 | 15,475 | 3.392 | 2.171 | 2,101 |
| 1959 | 40.2 | 5,470 | 4,840 | 42,314 | 16,992 | 3.511 | 2.258 | 2,143 |
| 1960 | 41.0 | 5,671 | 4,976 | 43,320 | 17,768 | 3.571 | 2.348 | 2,119 |
| 1961 | 42.2 | 5,953 | 5,267 | 45,600 | 19,226 | 3.650 | 2.463 | 2,138 |
| 1962 | 42.2 | 6,119 | 5,440 | 50,046 | 21,097 | 3.878 | 2.534 | 2,146 |
| 1963 | 39.4 | 6,278 | 5,601 | 49,936 | 19,662 | 3.510 | 2.609 | 2,146 |
| 1964 | 40.0 | 6,339 | 5,791 | 52,028 | 20,823 | 3.595 | 2.620 | 2,210 |
| 1965 | 40.8 | 6,771 | 6,053 | 53,951 | 21,992 | 3.633 | 2.784 | 2,174 |
| 1966 | 42.5 | 6,745 | 6,217 | 55,680 | 23,691 | 3.811 | 2.857 | 2,176 |

SIC 2642 ENVELOPES

| YEAR | TOTAL EMPLOYMENT | PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------|--------------------|-----------|-----------|-----------|--------------|
| | NUMBER | | | MAN HOURS | WAGES | ADDED | SHIPMENTS | EXPENDITURES |
| | | | | (1,000) | (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) |
| 1958 | 17,757 | 84,566 | 14,303 | 29,445 | 58,156 | 138,318 | 271,631 | 6,430 |
| 1959 | 18,302 | 89,830 | 14,651 | 30,426 | 61,313 | 145,126 | 294,939 | N.A. |
| 1960 | 18,820 | 94,802 | 15,000 | 30,990 | 66,269 | 150,802 | 307,636 | N.A. |
| 1961 | 18,882 | 97,594 | 14,791 | 31,023 | 67,125 | 152,214 | 313,011 | N.A. |
| 1962 | 19,245 | 102,788 | 15,100 | 31,753 | 71,015 | 160,533 | 327,333 | 8,123 |
| 1963 | 20,728 | 114,860 | 16,447 | 34,211 | 78,582 | 188,963 | 363,250 | 8,118 |
| 1964 | 20,576 | 116,416 | 16,394 | 33,959 | 79,594 | 191,071 | 365,657 | 9,008 |
| 1965 | 21,753 | 125,239 | 18,181 | 36,494 | 88,205 | 209,738 | 402,964 | 10,376 |
| 1966 | 22,098 | 135,788 | 17,695 | 37,412 | 93,862 | 242,527 | 446,281 | 13,119 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 50.9 | 4,762 | 4,066 | 18,991 | 9,671 | 2.378 | 1.975 | 2,059 |
| 1959 | 49.2 | 4,908 | 4,185 | 20,131 | 9,906 | 2.367 | 2.015 | 2,077 |
| 1960 | 49.0 | 5,037 | 4,418 | 20,509 | 10,053 | 2.276 | 2.138 | 2,066 |
| 1961 | 48.6 | 5,169 | 4,538 | 21,162 | 10,291 | 2.268 | 2.164 | 2,097 |
| 1962 | 49.0 | 5,341 | 4,703 | 21,678 | 10,631 | 2.261 | 2.236 | 2,103 |
| 1963 | 52.0 | 5,541 | 4,778 | 22,086 | 11,489 | 2.405 | 2.297 | 2,080 |
| 1964 | 52.3 | 5,658 | 4,855 | 22,304 | 11,655 | 2.401 | 2.344 | 2,071 |
| 1965 | 52.0 | 5,757 | 4,851 | 22,164 | 11,536 | 2.378 | 2.417 | 2,007 |
| 1966 | 54.3 | 6,145 | 5,304 | 25,221 | 13,706 | 2.584 | 2.509 | 2,114 |

SIC 2643 BAGS, EXCEPT TEXTILE BAGS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 39,042 | 169,888 | 31,667 | 63,197 | 122,343 | 308,874 | 908,521 | 18,523 |
| 1959 | 40,305 | 183,109 | 32,508 | 65,253 | 131,719 | 335,243 | 971,136 | 22,748 |
| 1960 | 41,003 | 189,226 | 33,672 | 63,520 | 133,762 | 331,443 | 951,981 | 23,687 |
| 1961 | 39,540 | 192,564 | 32,434 | 63,153 | 137,569 | 351,524 | 991,996 | 21,072 |
| 1962 | 40,033 | 200,753 | 32,812 | 63,999 | 144,880 | 375,126 | 1,005,935 | 24,718 |
| 1963 | 42,343 | 219,137 | 34,307 | 69,132 | 156,692 | 369,685 | 1,061,715 | 26,671 |
| 1964 | 43,635 | 233,425 | 35,052 | 71,943 | 166,817 | 403,966 | 1,099,652 | 41,629 |
| 1965 | 43,886 | 242,181 | 35,064 | 71,649 | 171,331 | 474,992 | 1,207,332 | 34,925 |
| 1966 | 47,091 | 273,185 | 37,719 | 78,181 | 191,680 | 558,033 | 1,358,545 | 54,238 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 34.0 | 4,351 | 3,863 | 28,690 | 9,754 | 2.525 | 1.936 | 1,996 |
| 1959 | 34.5 | 4,543 | 4,052 | 29,874 | 10,313 | 2.545 | 2.019 | 2,007 |
| 1960 | 34.8 | 4,615 | 3,972 | 28,272 | 9,843 | 2.478 | 2.106 | 1,886 |
| 1961 | 35.4 | 4,870 | 4,242 | 30,585 | 10,838 | 2.555 | 2.178 | 1,947 |
| 1962 | 37.3 | 5,015 | 4,415 | 30,658 | 11,433 | 2.589 | 2.264 | 1,950 |
| 1963 | 34.8 | 5,175 | 4,567 | 30,947 | 10,776 | 2.359 | 2.267 | 2,015 |
| 1964 | 36.7 | 5,349 | 4,759 | 31,372 | 11,525 | 2.422 | 2.319 | 2,052 |
| 1965 | 39.3 | 5,518 | 4,886 | 34,432 | 13,546 | 2.772 | 2.391 | 2,043 |
| 1966 | 41.1 | 5,801 | 5,082 | 36,018 | 14,794 | 2.911 | 2.452 | 2,073 |

SIC 2644 WALLPAPER

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 2,806 | 13,417 | 2,095 | 4,374 | 9,063 | 21,463 | 40,840 | 416 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 2,194 | 11,866 | 1,650 | 3,265 | 7,867 | 20,907 | 36,548 | 359 |
| 1964 | 2,193 | 12,300 | 1,674 | 3,379 | 8,305 | 22,405 | 40,716 | N.A. |
| 1965 | 2,149 | 12,831 | 1,535 | 3,047 | 8,390 | 25,484 | 42,588 | N.A. |
| 1966 | 2,250 | 15,031 | 1,591 | 3,323 | 10,227 | 24,579 | 45,924 | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 52.6 | 4,782 | 4,326 | 19,494 | 10,245 | 2.368 | 2.072 | 2,088 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 57.2 | 5,408 | 4,768 | 22,150 | 12,671 | 2.658 | 2.409 | 1,979 |
| 1964 | 55.0 | 5,609 | 4,961 | 24,323 | 13,384 | 2.698 | 2.458 | 2,019 |
| 1965 | 59.8 | 5,971 | 5,466 | 27,745 | 16,602 | 3.037 | 2.754 | 1,985 |
| 1966 | 53.5 | 6,680 | 6,428 | 28,865 | 15,449 | 2.403 | 3.078 | 2,089 |

SIC 2645 DIE CUT PAPER & BOARD

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 12,209 | 58,512 | 9,441 | 18,538 | 39,122 | 111,164 | 251,364 | 10,613 |
| 1959 | 14,047 | 67,173 | 11,193 | 22,516 | 48,445 | 123,332 | 278,228 | N.A. |
| 1960 | 14,284 | 70,546 | 11,407 | 21,820 | 50,816 | 135,480 | 306,621 | N.A. |
| 1961 | 14,574 | 73,172 | 11,517 | 22,189 | 51,573 | 137,369 | 313,518 | 5,759 |
| 1962 | 13,592 | 71,112 | 10,806 | 21,203 | 49,117 | 141,431 | 307,180 | N.A. |
| 1963 | 15,135 | 83,373 | 11,696 | 23,524 | 57,070 | 183,185 | 378,332 | 7,731 |
| 1964 | 16,247 | 90,805 | 12,830 | 24,758 | 61,511 | 181,300 | 407,329 | N.A. |
| 1965 | 16,482 | 96,022 | 12,734 | 25,573 | 66,001 | 206,468 | 458,412 | 8,586 |
| 1966 | 18,328 | 113,398 | 13,928 | 28,328 | 74,103 | 232,676 | 512,504 | 8,380 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 44.2 | 4,793 | 4,144 | 26,625 | 11,775 | 2.841 | 2.110 | 1,964 |
| 1959 | 44.3 | 4,782 | 4,328 | 24,857 | 11,019 | 2.546 | 2.152 | 2,012 |
| 1960 | 44.2 | 4,939 | 4,455 | 26,880 | 11,877 | 2.666 | 2.329 | 1,913 |
| 1961 | 43.8 | 5,021 | 4,478 | 27,222 | 11,927 | 2.664 | 2.324 | 1,927 |
| 1962 | 46.0 | 5,232 | 4,545 | 28,427 | 13,088 | 2.879 | 2.317 | 1,962 |
| 1963 | 48.4 | 5,509 | 4,879 | 32,347 | 15,662 | 3.210 | 2.426 | 2,011 |
| 1964 | 44.5 | 5,589 | 4,794 | 31,748 | 14,131 | 2.947 | 2.484 | 1,930 |
| 1965 | 45.0 | 5,826 | 5,183 | 35,999 | 16,214 | 3.128 | 2.581 | 2,008 |
| 1966 | 45.4 | 6,187 | 5,320 | 36,797 | 16,706 | 3.140 | 2.616 | 2,034 |

SIC 2646 PRESSED & MOLDED PULP GOODS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 4,472 | 21,254 | 3,697 | 7,781 | 15,929 | 49,819 | 78,780 | 2,170 |
| 1959 | 4,269 | 23,694 | 3,384 | 8,281 | 17,685 | 57,135 | 90,109 | 4,985 |
| 1960 | 3,961 | 24,039 | 3,112 | 7,761 | 17,830 | 55,299 | 87,962 | 10,885 |
| 1961 | 3,855 | 25,532 | 2,890 | 7,427 | 18,033 | 57,705 | 90,273 | 7,540 |
| 1962 | 4,321 | 30,213 | 3,200 | 8,042 | 20,712 | 62,109 | 100,966 | 19,821 |
| 1963 | 5,720 | 32,862 | 4,522 | 9,697 | 24,207 | 70,006 | 110,135 | 11,558 |
| 1964 | 6,846 | 39,659 | 5,613 | 11,583 | 29,678 | 81,780 | 130,692 | N.A. |
| 1965 | 6,694 | 41,342 | 5,392 | 11,231 | 29,904 | 93,034 | 145,401 | 17,283 |
| 1966 | 8,962 | 43,287 | 5,354 | 11,385 | 31,453 | 97,949 | 151,502 | 9,981 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 63.2 | 4,753 | 4,309 | 21,309 | 13,476 | 3.128 | 2.047 | 2,105 |
| 1959 | 63.4 | 5,550 | 5,226 | 26,628 | 16,884 | 3.231 | 2.136 | 2,447 |
| 1960 | 62.9 | 6,069 | 5,729 | 28,265 | 17,770 | 3.101 | 2.297 | 2,494 |
| 1961 | 63.9 | 6,623 | 6,240 | 31,236 | 19,967 | 3.200 | 2.428 | 2,570 |
| 1962 | 61.5 | 6,992 | 6,473 | 31,552 | 19,409 | 2.999 | 2.575 | 2,513 |
| 1963 | 63.6 | 5,745 | 5,353 | 24,355 | 15,481 | 2.892 | 2.496 | 2,144 |
| 1964 | 62.6 | 5,793 | 5,287 | 23,284 | 14,570 | 2.756 | 2.562 | 2,064 |
| 1965 | 64.0 | 6,176 | 5,546 | 26,966 | 17,254 | 3.111 | 2.663 | 2,083 |
| 1966 | 64.7 | 6,218 | 5,875 | 28,297 | 18,295 | 3.114 | 2.763 | 2,126 |

SIC 2651 FOLDING PAPERBOARD BOXES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 46,389 | 221,989 | 37,386 | 77,463 | 159,445 | 391,031 | 887,209 | 34,081 |
| 1959 | 46,291 | 229,303 | 37,396 | 79,090 | 165,371 | 395,902 | 908,098 | 25,443 |
| 1960 | 46,406 | 234,870 | 37,533 | 77,103 | 169,890 | 396,361 | 916,134 | 23,647 |
| 1961 | 45,746 | 237,493 | 37,031 | 75,770 | 171,281 | 411,832 | 924,510 | 21,572 |
| 1962 | 45,410 | 245,881 | 36,835 | 75,161 | 177,087 | 424,337 | 944,519 | 33,043 |
| 1963 | 51,291 | 288,841 | 41,451 | 85,550 | 206,654 | 476,866 | 1,081,147 | 36,008 |
| 1964 | 49,760 | 291,123 | 40,265 | 83,966 | 209,972 | 492,126 | 1,089,706 | N.A. |
| 1965 | 51,615 | 310,775 | 41,615 | 87,038 | 224,071 | 535,314 | 1,189,249 | 31,770 |
| 1966 | 54,291 | 336,665 | 43,777 | 91,296 | 239,682 | 585,326 | 1,289,522 | 37,989 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 44.1 | 4,785 | 4,265 | 23,731 | 10,459 | 2.452 | 2.058 | 2,072 |
| 1959 | 43.6 | 4,954 | 4,422 | 24,283 | 10,587 | 2.394 | 2.091 | 2,115 |
| 1960 | 43.3 | 5,061 | 4,526 | 24,409 | 10,560 | 2.333 | 2.203 | 2,054 |
| 1961 | 44.5 | 5,192 | 4,625 | 24,966 | 11,121 | 2.404 | 2.261 | 2,046 |
| 1962 | 44.9 | 5,415 | 4,808 | 25,642 | 11,520 | 2.396 | 2.356 | 2,040 |
| 1963 | 44.1 | 5,631 | 4,986 | 26,083 | 11,504 | 2.308 | 2.416 | 2,064 |
| 1964 | 45.2 | 5,851 | 5,215 | 27,063 | 12,222 | 2.344 | 2.501 | 2,085 |
| 1965 | 45.0 | 6,021 | 5,384 | 28,577 | 12,863 | 2.389 | 2.574 | 2,092 |
| 1966 | 45.4 | 6,201 | 5,475 | 29,457 | 13,371 | 2.442 | 2.625 | 2,085 |

SIC 2652 SET-UP PAPERBOARD BOXES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 23,532 | 80,924 | 19,942 | 38,304 | 59,368 | 124,892 | 219,240 | 5,930 |
| 1959 | 21,968 | 81,142 | 18,562 | 37,125 | 59,893 | 127,900 | 223,531 | N.A. |
| 1960 | 22,211 | 83,426 | 18,589 | 37,748 | 60,699 | 127,983 | 224,193 | N.A. |
| 1961 | 20,463 | 79,370 | 17,093 | 34,479 | 58,527 | 127,659 | 222,385 | N.A. |
| 1962 | 20,359 | 81,368 | 17,369 | 34,844 | 61,134 | 128,868 | 226,048 | N.A. |
| 1963 | 20,459 | 82,229 | 17,659 | 34,523 | 61,534 | 131,688 | 225,794 | 5,049 |
| 1964 | 20,060 | 86,031 | 17,251 | 35,375 | 63,967 | 134,854 | 236,666 | N.A. |
| 1965 | 21,375 | 88,647 | 18,663 | 34,677 | 65,580 | 122,179 | 236,839 | 5,660 |
| 1966 | 20,942 | 94,362 | 18,116 | 34,606 | 69,610 | 131,621 | 256,644 | 6,951 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 57.0 | 3,439 | 2,977 | 10,994 | 6,263 | 2.104 | 1.550 | 1,921 |
| 1959 | 57.2 | 3,694 | 3,227 | 12,042 | 6,890 | 2.135 | 1.613 | 2,000 |
| 1960 | 57.1 | 3,756 | 3,265 | 12,061 | 6,885 | 2.108 | 1.608 | 2,031 |
| 1961 | 57.4 | 3,879 | 3,424 | 13,010 | 7,468 | 2.181 | 1.697 | 2,017 |
| 1962 | 57.0 | 3,997 | 3,520 | 13,014 | 7,419 | 2.108 | 1.755 | 2,006 |
| 1963 | 58.3 | 4,019 | 3,485 | 12,786 | 7,457 | 2.140 | 1.782 | 1,955 |
| 1964 | 57.0 | 4,289 | 3,708 | 13,719 | 7,817 | 2.108 | 1.808 | 2,051 |
| 1965 | 51.6 | 4,147 | 3,514 | 12,690 | 6,547 | 1.863 | 1.891 | 1,858 |
| 1966 | 51.3 | 4,506 | 3,842 | 14,167 | 7,265 | 1.891 | 2.012 | 1,910 |

SIC 2653 CORRUGATED SHIPPING CONTAINERS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|--|------------------|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 70,792 | 345,117 | 53,531 | 110,517 | 233,981 | 596,934 | 1,635,650 | 51,955 |
| 1959 | 77,766 | 407,516 | 59,602 | 126,131 | 276,411 | 678,200 | 1,904,823 | N.A. |
| 1960 | 79,896 | 417,987 | 60,920 | 125,567 | 280,850 | 686,089 | 1,937,150 | N.A. |
| 1961 | 79,727 | 439,768 | 60,584 | 127,234 | 294,258 | 708,673 | 1,970,728 | 50,786 |
| 1962 | 83,264 | 473,855 | 63,680 | 134,773 | 320,311 | 805,861 | 2,179,049 | 65,185 |
| 1963 | 83,229 | 485,594 | 62,800 | 132,289 | 323,829 | 804,012 | 2,166,137 | 54,094 |
| 1964 | 86,382 | 533,974 | 64,710 | 140,072 | 355,326 | 831,334 | 2,345,503 | 71,650 |
| 1965 | 90,547 | 578,292 | 67,645 | 147,269 | 388,809 | 933,067 | 2,558,598 | 93,604 |
| 1966 | 96,064 | 635,293 | 73,326 | 156,899 | 428,396 | 1,091,222 | 2,891,151 | 117,239 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 36.5 | 4,875 | 4,371 | 30,555 | 11,151 | 2,551 | 2.117 | 2,065 |
| 1959 | 35.6 | 5,240 | 4,638 | 31,959 | 11,379 | 2,454 | 2.191 | 2,116 |
| 1960 | 35.4 | 5,232 | 4,610 | 31,798 | 11,262 | 2,443 | 2.237 | 2,061 |
| 1961 | 36.0 | 5,516 | 4,857 | 32,529 | 11,697 | 2,408 | 2.313 | 2,100 |
| 1962 | 37.0 | 5,691 | 5,030 | 34,219 | 12,655 | 2,516 | 2.377 | 2,116 |
| 1963 | 37.1 | 5,834 | 5,157 | 34,493 | 12,803 | 2,483 | 2.448 | 2,107 |
| 1964 | 35.4 | 6,182 | 5,491 | 36,246 | 12,847 | 2,340 | 2.537 | 2,165 |
| 1965 | 36.5 | 6,387 | 5,748 | 37,824 | 13,794 | 2,400 | 2.640 | 2,177 |
| 1966 | 37.7 | 6,613 | 5,842 | 39,429 | 14,882 | 2,547 | 2.730 | 2,140 |

SIC 2654 SANITARY FOOD CONTAINERS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|--|------------------|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 29,493 | 139,131 | 23,424 | 49,777 | 103,542 | 309,224 | 680,079 | 35,774 |
| 1959 | 30,309 | 150,173 | 24,205 | 51,360 | 110,148 | 346,390 | 746,182 | N.A. |
| 1960 | 31,012 | 155,693 | 24,640 | 51,799 | 112,802 | 365,127 | 770,010 | 22,559 |
| 1961 | 31,951 | 165,332 | 25,510 | 53,521 | 119,504 | 374,080 | 810,350 | 29,732 |
| 1962 | 32,432 | 176,358 | 25,818 | 54,158 | 126,795 | 388,772 | 872,529 | N.A. |
| 1963 | 32,879 | 182,745 | 25,935 | 53,448 | 129,247 | 402,211 | 905,931 | 37,901 |
| 1964 | 32,315 | 189,141 | 25,336 | 53,696 | 133,393 | 405,247 | 916,076 | 31,376 |
| 1965 | 31,789 | 185,167 | 24,913 | 52,555 | 129,530 | 399,217 | 911,436 | 34,686 |
| 1966 | 31,821 | 193,048 | 25,114 | 53,344 | 138,519 | 426,157 | 964,138 | 36,498 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 45.5 | 4,717 | 4,420 | 29,033 | 13,201 | 2,986 | 2.080 | 2,125 |
| 1959 | 46.4 | 4,955 | 4,551 | 30,828 | 14,311 | 3,145 | 2.145 | 2,122 |
| 1960 | 47.4 | 5,020 | 4,578 | 31,250 | 14,818 | 3,237 | 2.178 | 2,102 |
| 1961 | 46.2 | 5,175 | 4,685 | 31,766 | 14,664 | 3,130 | 2.233 | 2,098 |
| 1962 | 44.6 | 5,438 | 4,911 | 33,795 | 15,058 | 3,066 | 2.341 | 2,098 |
| 1963 | 44.4 | 5,558 | 4,983 | 34,931 | 15,508 | 3,112 | 2.418 | 2,061 |
| 1964 | 44.2 | 5,853 | 5,265 | 36,157 | 15,995 | 3,038 | 2.484 | 2,119 |
| 1965 | 43.8 | 5,825 | 5,199 | 36,585 | 16,024 | 3,082 | 2.465 | 2,110 |
| 1966 | 44.2 | 6,067 | 5,516 | 38,390 | 16,969 | 3,077 | 2.597 | 2,124 |

SIC 2655 FIBER CANS, TUBES, DRUMS ETC

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|--|------------------|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 10,971 | 47,855 | 9,250 | 18,399 | 36,527 | 79,548 | 165,627 | 8,268 |
| 1959 | 11,266 | 51,235 | 9,433 | 19,456 | 39,034 | 85,606 | 177,431 | 4,880 |
| 1960 | 11,294 | 51,897 | 9,488 | 19,064 | 39,140 | 84,912 | 173,644 | 4,371 |
| 1961 | 11,695 | 55,461 | 9,695 | 19,730 | 41,523 | 94,500 | 189,601 | 7,038 |
| 1962 | 12,205 | 59,880 | 10,192 | 22,108 | 44,441 | 104,480 | 212,956 | 6,939 |
| 1963 | 13,188 | 67,488 | 11,221 | 22,816 | 50,275 | 126,196 | 260,257 | 7,689 |
| 1964 | 13,280 | 71,300 | 11,061 | 22,919 | 55,137 | 134,398 | 278,539 | 7,913 |
| 1965 | 14,591 | 81,499 | 12,573 | 25,254 | 62,982 | 153,244 | 315,322 | 12,850 |
| 1966 | 15,642 | 91,390 | 13,473 | 27,909 | 71,806 | 168,156 | 352,987 | 50,277 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 48.0 | 4,362 | 3,949 | 17,906 | 8,600 | 2.178 | 1.985 | 1,989 |
| 1959 | 48.2 | 4,548 | 4,138 | 18,810 | 9,075 | 2.193 | 2.006 | 2,063 |
| 1960 | 48.9 | 4,595 | 4,125 | 18,301 | 8,949 | 2.169 | 2.053 | 2,009 |
| 1961 | 49.8 | 4,742 | 4,283 | 19,557 | 9,747 | 2.276 | 2.105 | 2,035 |
| 1962 | 49.1 | 4,906 | 4,360 | 20,894 | 10,251 | 2.351 | 2.010 | 2,169 |
| 1963 | 48.5 | 5,117 | 4,480 | 23,194 | 11,246 | 2.510 | 2.203 | 2,033 |
| 1964 | 48.3 | 5,369 | 4,985 | 25,182 | 12,151 | 2.438 | 2.406 | 2,072 |
| 1965 | 48.6 | 5,586 | 5,009 | 25,079 | 12,188 | 2.433 | 2.494 | 2,009 |
| 1966 | 47.6 | 5,843 | 5,330 | 26,200 | 12,481 | 2.342 | 2.573 | 2,071 |

SIC 2661 BUILDING PAPER & BOARD MILLS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 16,598 | 82,219 | 14,086 | 30,063 | 66,487 | 175,368 | 329,808 | N.A. |
| 1959 | 17,538 | 90,652 | 14,906 | 32,174 | 74,232 | 207,661 | 376,296 | 13,047 |
| 1960 | 16,350 | 85,597 | 13,746 | 29,174 | 60,553 | 195,498 | 353,381 | 16,991 |
| 1961 | 16,330 | 89,911 | 13,621 | 28,171 | 71,107 | 190,380 | 349,867 | 28,095 |
| 1962 | 16,724 | 96,218 | 13,936 | 29,728 | 77,966 | 203,308 | 383,002 | 13,563 |
| 1963 | 11,874 | 69,637 | 10,158 | 21,362 | 56,909 | 153,103 | 281,564 | 8,065 |
| 1964 | 11,474 | 71,406 | 9,784 | 21,201 | 58,416 | 165,872 | 304,227 | 12,247 |
| 1965 | 11,567 | 73,455 | 9,799 | 21,291 | 59,552 | 169,250 | 316,537 | 17,990 |
| 1966 | 12,039 | 79,727 | 10,275 | 22,059 | 65,201 | 194,598 | 351,237 | 17,676 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 53.2 | 4,954 | 4,720 | 23,414 | 12,450 | 2.638 | 2.212 | 2,134 |
| 1959 | 55.2 | 5,169 | 4,980 | 25,245 | 13,931 | 2.797 | 2.307 | 2,158 |
| 1960 | 55.3 | 5,235 | 4,405 | 25,708 | 14,222 | 3.229 | 2.076 | 2,122 |
| 1961 | 54.4 | 5,506 | 5,220 | 25,686 | 13,977 | 2.677 | 2.524 | 2,068 |
| 1962 | 53.1 | 5,753 | 5,595 | 27,483 | 14,589 | 2.608 | 2.623 | 2,133 |
| 1963 | 54.4 | 5,865 | 5,602 | 27,718 | 15,072 | 2.690 | 2.664 | 2,103 |
| 1964 | 54.5 | 6,223 | 5,971 | 31,094 | 16,953 | 2.839 | 2.755 | 2,167 |
| 1965 | 53.5 | 6,350 | 6,077 | 32,303 | 17,272 | 2.842 | 2.797 | 2,173 |
| 1966 | 55.4 | 6,622 | 6,346 | 34,184 | 18,939 | 2.985 | 2.956 | 2,147 |

PRINTING AND PUBLISHING

SIC 2711 NEWS PAPERS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|---------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 295,622 | 1,499,939 | 154,656 | 278,024 | 778,957 | 2,528,774 | 3,628,021 | 148,209 |
| 1959 | 300,909 | 1,601,283 | 158,078 | 292,271 | 841,066 | 2,766,154 | 3,946,642 | 147,604 |
| 1960 | 307,423 | 1,673,879 | 159,880 | 299,627 | 882,937 | 2,924,534 | 4,136,622 | 122,828 |
| 1961 | 308,453 | 1,712,086 | 160,688 | 297,743 | 899,980 | 2,939,501 | 4,182,997 | 134,487 |
| 1962 | 310,742 | 1,761,008 | 163,151 | 297,094 | 929,513 | 3,051,602 | 4,319,499 | 123,858 |
| 1963 | 306,439 | 1,784,570 | 160,061 | 294,541 | 935,160 | 3,201,872 | 4,483,592 | 135,198 |
| 1964 | 317,885 | 1,901,091 | 166,339 | 319,904 | 997,785 | 3,460,848 | 4,820,378 | 121,602 |
| 1965 | 327,731 | 2,006,385 | 167,562 | 303,836 | 1,043,632 | 3,731,677 | 5,156,064 | 169,973 |
| 1966 | 333,490 | 2,121,216 | 167,608 | 313,527 | 1,091,374 | 4,012,212 | 5,520,202 | 227,793 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 69.7 | 5,074 | 5,037 | 23,459 | 16,351 | 3.246 | 2.802 | 1,798 |
| 1959 | 70.1 | 5,321 | 5,321 | 24,966 | 17,499 | 3.289 | 2.878 | 1,849 |
| 1960 | 70.7 | 5,445 | 5,522 | 25,873 | 18,292 | 3.312 | 2.947 | 1,874 |
| 1961 | 70.3 | 5,551 | 5,601 | 26,032 | 18,293 | 3.266 | 3.023 | 1,853 |
| 1962 | 70.6 | 5,667 | 5,697 | 26,475 | 18,704 | 3.283 | 3.129 | 1,821 |
| 1963 | 71.4 | 5,824 | 5,843 | 28,012 | 20,004 | 3.424 | 3.175 | 1,840 |
| 1964 | 71.8 | 5,980 | 5,999 | 28,979 | 20,806 | 3.469 | 3.119 | 1,923 |
| 1965 | 72.4 | 6,122 | 6,228 | 30,771 | 22,270 | 3.576 | 3.435 | 1,813 |
| 1966 | 72.7 | 6,361 | 6,511 | 32,935 | 23,938 | 3.676 | 3.481 | 1,871 |

SIC 2721 PERIODICALS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 66,749 | 386,710 | 11,711 | 21,214 | 56,769 | 974,513 | 1,729,485 | 35,051 |
| 1959 | 67,438 | 419,287 | 12,411 | 22,367 | 62,007 | 1,153,927 | 1,981,237 | N.A. |
| 1960 | 67,676 | 447,620 | 12,239 | 22,414 | 63,345 | 1,211,411 | 2,132,600 | N.A. |
| 1961 | 68,185 | 467,171 | 11,755 | 21,342 | 62,670 | 1,284,186 | 2,181,091 | 24,536 |
| 1962 | 69,639 | 485,892 | 12,129 | 21,638 | 64,789 | 1,336,517 | 2,198,548 | 29,167 |
| 1963 | 67,730 | 461,124 | 12,257 | 22,134 | 65,573 | 1,349,030 | 2,295,716 | 33,784 |
| 1964 | 67,274 | 489,526 | 12,209 | 22,649 | 65,726 | 1,426,433 | 2,464,393 | N.A. |
| 1965 | 70,028 | 509,971 | 14,027 | 26,498 | 79,150 | 1,602,776 | 2,625,564 | 22,751 |
| 1966 | 71,621 | 547,898 | 14,032 | 26,541 | 78,282 | 1,705,845 | 2,717,880 | 34,411 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 56.3 | 5,793 | 4,847 | 147,680 | 83,213 | 17.166 | 2.676 | 1,811 |
| 1959 | 58.2 | 6,217 | 4,996 | 159,636 | 92,976 | 18.610 | 2.772 | 1,802 |
| 1960 | 56.8 | 6,614 | 5,176 | 174,246 | 98,980 | 19.124 | 2.826 | 1,831 |
| 1961 | 58.9 | 6,852 | 5,331 | 185,546 | 109,246 | 20.491 | 2.936 | 1,816 |
| 1962 | 60.8 | 6,977 | 5,342 | 181,264 | 110,192 | 20.629 | 2.994 | 1,784 |
| 1963 | 58.8 | 6,808 | 5,350 | 187,298 | 110,062 | 20.573 | 2.963 | 1,806 |
| 1964 | 57.9 | 7,277 | 5,383 | 201,851 | 116,835 | 21.703 | 2.902 | 1,855 |
| 1965 | 61.0 | 7,282 | 5,643 | 187,179 | 114,264 | 20.250 | 2.987 | 1,889 |
| 1966 | 62.8 | 7,650 | 5,579 | 193,692 | 121,568 | 21.791 | 2.949 | 1,891 |

SIC 2731 BOOKS, PUBLISHING & PRINTING

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 38,502 | 191,859 | 11,023 | 21,088 | 44,463 | 616,241 | 1,033,144 | 13,090 |
| 1959 | 39,911 | 211,248 | 11,800 | 24,641 | 53,832 | 721,163 | 1,148,733 | 10,064 |
| 1960 | 42,422 | 233,347 | 12,534 | 27,591 | 57,604 | 834,142 | 1,303,291 | 16,988 |
| 1961 | 43,865 | 248,999 | 11,803 | 27,748 | 58,716 | 882,365 | 1,382,291 | 16,005 |
| 1962 | 47,015 | 277,424 | 12,069 | 28,003 | 61,945 | 953,859 | 1,527,841 | N.A. |
| 1963 | 46,812 | 280,664 | 11,810 | 23,450 | 59,474 | 995,736 | 1,534,632 | 25,426 |
| 1964 | 53,076 | 330,920 | 14,519 | 27,574 | 71,919 | 1,099,780 | 1,728,589 | 28,715 |
| 1965 | 50,372 | 322,474 | 11,456 | 22,682 | 55,940 | 1,115,113 | 1,767,114 | 29,616 |
| 1966 | 54,023 | 359,789 | 12,212 | 23,615 | 60,984 | 1,325,666 | 1,996,324 | 47,917 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 59.6 | 4,983 | 4,034 | 93,726 | 55,905 | 13.860 | 2.108 | 1,913 |
| 1959 | 62.8 | 5,293 | 4,562 | 97,350 | 61,116 | 13.397 | 2.185 | 2,088 |
| 1960 | 64.0 | 5,501 | 4,596 | 103,980 | 66,550 | 14.481 | 2.088 | 2,201 |
| 1961 | 63.8 | 5,676 | 4,975 | 117,114 | 74,758 | 15.028 | 2.116 | 2,351 |
| 1962 | 62.4 | 5,901 | 5,133 | 126,592 | 79,034 | 15.398 | 2.212 | 2,320 |
| 1963 | 64.9 | 5,996 | 5,036 | 129,943 | 84,313 | 16.742 | 2.536 | 1,986 |
| 1964 | 63.6 | 6,235 | 4,953 | 119,057 | 75,748 | 15.292 | 2.608 | 1,899 |
| 1965 | 63.1 | 6,402 | 4,883 | 154,252 | 97,339 | 19.934 | 2.466 | 1,980 |
| 1966 | 66.4 | 6,660 | 4,994 | 163,472 | 108,554 | 21.738 | 2.582 | 1,934 |

SIC 2732 BOOK PRINTING

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL | |
|------|--|------------------------------------|--|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 28,625 | 143,990 | 23,732 | 46,758 | 112,312 | 226,793 | 357,652 | 10,846 |
| 1959 | 29,322 | 160,399 | 24,651 | 49,901 | 125,475 | 260,171 | 394,980 | N.A. |
| 1960 | 31,418 | 173,283 | 26,562 | 53,673 | 135,531 | 297,759 | 462,921 | 16,614 |
| 1961 | 33,002 | 189,173 | 27,925 | 57,455 | 148,202 | 322,721 | 483,779 | N.A. |
| 1962 | 34,154 | 197,803 | 28,733 | 57,728 | 153,652 | 318,224 | 478,786 | N.A. |
| 1963 | 36,101 | 214,175 | 29,641 | 59,563 | 164,559 | 358,294 | 546,587 | 24,945 |
| 1964 | 35,690 | 226,878 | 29,165 | 62,437 | 178,757 | 385,165 | 585,462 | 31,817 |
| 1965 | 38,732 | 255,478 | 32,020 | 67,565 | 198,610 | 411,206 | 632,709 | 38,167 |
| 1966 | 41,103 | 284,293 | 34,410 | 72,745 | 221,925 | 460,800 | 709,346 | 42,058 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 63.4 | 5,030 | 4,733 | 15,070 | 9,556 | 2.019 | 2.402 | 1,970 |
| 1959 | 65.9 | 5,470 | 5,090 | 16,023 | 10,554 | 2.073 | 2.514 | 2,024 |
| 1960 | 64.3 | 5,515 | 5,102 | 17,428 | 11,210 | 2.197 | 2.525 | 2,021 |
| 1961 | 66.7 | 5,732 | 5,307 | 17,324 | 11,557 | 2.178 | 2.579 | 2,057 |
| 1962 | 66.5 | 5,792 | 5,348 | 16,663 | 11,075 | 2.071 | 2.662 | 2,009 |
| 1963 | 65.6 | 5,933 | 5,552 | 18,440 | 12,088 | 2.177 | 2.763 | 2,009 |
| 1964 | 65.8 | 6,357 | 6,129 | 20,074 | 13,206 | 2.155 | 2.863 | 2,141 |
| 1965 | 65.0 | 6,596 | 6,203 | 19,760 | 12,842 | 2.070 | 2.940 | 2,110 |
| 1966 | 65.0 | 6,917 | 6,449 | 20,615 | 13,391 | 2.076 | 3.051 | 2,114 |

SIC 2741 MISCELLANEOUS PUBLISHING

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 19,301 | 91,753 | 6,538 | 12,029 | 28,633 | 199,181 | 307,916 | 5,993 |
| 1959 | 19,802 | 101,142 | 8,662 | 13,628 | 36,730 | 213,157 | 324,451 | N.A. |
| 1960 | 20,342 | 108,482 | 9,417 | 15,750 | 42,063 | 227,638 | 345,016 | N.A. |
| 1961 | 21,153 | 115,932 | 8,950 | 15,697 | 42,992 | 245,172 | 367,500 | N.A. |
| 1962 | 20,645 | 116,982 | 9,447 | 15,985 | 43,630 | 239,811 | 363,592 | N.A. |
| 1963 | 22,551 | 130,427 | 9,798 | 18,688 | 48,799 | 252,932 | 389,588 | 7,113 |
| 1964 | 23,016 | 137,949 | 9,831 | 18,500 | 48,989 | 282,338 | 424,913 | 5,898 |
| 1965 | 24,312 | 147,386 | 11,004 | 20,501 | 55,805 | 299,349 | 462,426 | 4,080 |
| 1966 | 24,270 | 156,321 | 11,159 | 20,437 | 57,979 | 321,175 | 495,227 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 64.7 | 4,754 | 4,379 | 47,096 | 30,465 | 6.956 | 2.380 | 1,840 |
| 1959 | 65.7 | 5,108 | 4,240 | 37,457 | 24,608 | 5.803 | 2.695 | 1,573 |
| 1960 | 66.0 | 5,333 | 4,467 | 36,638 | 24,173 | 5.412 | 2.671 | 1,673 |
| 1961 | 66.7 | 5,481 | 4,804 | 41,061 | 27,394 | 5.703 | 2.739 | 1,754 |
| 1962 | 66.0 | 5,666 | 4,618 | 38,488 | 25,385 | 5.496 | 2.729 | 1,692 |
| 1963 | 64.9 | 5,784 | 4,981 | 39,762 | 25,815 | 5.183 | 2.611 | 1,907 |
| 1964 | 66.4 | 5,994 | 4,983 | 43,222 | 28,719 | 5.763 | 2.648 | 1,882 |
| 1965 | 64.7 | 6,062 | 5,071 | 42,023 | 27,204 | 5.364 | 2.722 | 1,863 |
| 1966 | 64.9 | 6,441 | 5,196 | 44,379 | 28,782 | 5.540 | 2.837 | 1,831 |

SIC 275X COMMERCIAL PRINTING EXCEPT ENGRAVING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 279,290 | 1,476,109 | 219,056 | 420,217 | 1,080,602 | 2,283,901 | 3,880,939 | 155,038 |
| 1959 | 284,743 | 1,571,725 | 227,135 | 438,410 | 1,150,916 | 2,441,538 | 4,185,511 | 154,506 |
| 1960 | 293,708 | 1,661,362 | 230,143 | 451,474 | 1,214,276 | 2,581,530 | 4,402,154 | 144,947 |
| 1961 | 296,795 | 1,704,569 | 231,172 | 445,513 | 1,241,870 | 2,645,283 | 4,546,764 | 171,436 |
| 1962 | 295,955 | 1,777,539 | 231,989 | 449,366 | 1,293,689 | 2,790,101 | 4,779,628 | 176,652 |
| 1963 | 291,287 | 1,801,822 | 227,476 | 451,523 | 1,317,665 | 2,880,321 | 4,794,702 | 176,105 |
| 1964 | 292,709 | 1,873,294 | 226,597 | 452,950 | 1,359,575 | 3,022,767 | 5,072,523 | 180,791 |
| 1965 | 314,044 | 2,053,417 | 242,121 | 478,934 | 1,468,191 | 3,240,050 | 5,488,165 | 206,719 |
| 1966 | 326,308 | 2,217,795 | 253,029 | 500,889 | 1,589,087 | 3,545,580 | 5,993,735 | 234,198 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 58.8 | 5,285 | 4,933 | 17,717 | 10,426 | 2.114 | 2.572 | 1,918 |
| 1959 | 58.3 | 5,520 | 5,067 | 18,427 | 10,749 | 2.121 | 2.625 | 1,930 |
| 1960 | 58.6 | 5,657 | 5,276 | 19,128 | 11,217 | 2.126 | 2.690 | 1,962 |
| 1961 | 58.2 | 5,743 | 5,372 | 19,668 | 11,443 | 2.130 | 2.788 | 1,927 |
| 1962 | 58.4 | 6,006 | 5,577 | 20,603 | 12,027 | 2.157 | 2.879 | 1,937 |
| 1963 | 60.1 | 6,186 | 5,793 | 21,078 | 12,662 | 2.186 | 2.918 | 1,985 |
| 1964 | 59.6 | 6,400 | 6,000 | 22,386 | 13,340 | 2.223 | 3.002 | 1,999 |
| 1965 | 59.0 | 6,539 | 6,064 | 22,667 | 13,382 | 2.207 | 3.066 | 1,978 |
| 1966 | 59.2 | 6,797 | 6,280 | 23,688 | 14,013 | 2.231 | 3.173 | 1,980 |

SIC 2753 ENGRAVING & PLATE PRINTING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 9,047 | 43,115 | 7,228 | 13,554 | 33,348 | 64,471 | 87,202 | 3,596 |
| 1959 | 9,085 | 46,303 | 7,160 | 14,380 | 36,575 | 62,318 | 87,339 | N.A. |
| 1960 | 9,278 | 47,102 | 7,342 | 13,899 | 37,127 | 66,034 | 90,276 | N.A. |
| 1961 | 9,455 | 48,726 | 7,487 | 14,243 | 37,354 | 68,552 | 93,440 | N.A. |
| 1962 | 8,854 | 47,588 | 6,912 | 13,713 | 36,769 | 63,269 | 88,092 | N.A. |
| 1963 | 9,022 | 50,703 | 7,126 | 13,812 | 38,164 | 80,748 | 111,138 | 3,836 |
| 1964 | 9,482 | 54,621 | 7,512 | 14,928 | 40,533 | 88,510 | 122,931 | N.A. |
| 1965 | 12,014 | 75,714 | 10,000 | 20,591 | 59,040 | 134,167 | 170,787 | N.A. |
| 1966 | 11,118 | 73,313 | 9,281 | 19,153 | 58,027 | 129,230 | 175,942 | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 73.9 | 4,766 | 4,614 | 12,064 | 8,920 | 1.933 | 2.460 | 1,875 |
| 1959 | 71.4 | 5,097 | 5,108 | 12,198 | 8,704 | 1.704 | 2.543 | 2,008 |
| 1960 | 73.1 | 5,077 | 5,057 | 12,296 | 8,994 | 1.779 | 2.671 | 1,893 |
| 1961 | 73.4 | 5,153 | 4,989 | 12,480 | 9,156 | 1.835 | 2.623 | 1,902 |
| 1962 | 71.8 | 5,375 | 5,320 | 12,745 | 9,154 | 1.721 | 2.681 | 1,984 |
| 1963 | 72.7 | 5,620 | 5,356 | 15,596 | 11,331 | 2.116 | 2.763 | 1,938 |
| 1964 | 72.0 | 5,760 | 5,396 | 16,365 | 11,782 | 2.184 | 2.715 | 1,987 |
| 1965 | 78.6 | 6,302 | 5,904 | 17,079 | 13,417 | 2.272 | 2.867 | 2,059 |
| 1966 | 73.5 | 6,594 | 6,252 | 18,957 | 13,924 | 2.227 | 3.030 | 2,064 |

SIC 2761 MANIFOLD BUSINESS FORMS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 23,618 | 120,945 | 16,883 | 32,823 | 79,623 | 245,229 | 405,731 | 14,755 |
| 1959 | 24,747 | 128,096 | 17,952 | 35,536 | 84,939 | 273,271 | 450,820 | N.A. |
| 1960 | 24,998 | 131,568 | 17,947 | 35,463 | 86,543 | 288,626 | 473,850 | N.A. |
| 1961 | 26,254 | 136,468 | 18,470 | 36,318 | 91,382 | 298,970 | 497,848 | N.A. |
| 1962 | 27,268 | 146,510 | 19,124 | 38,587 | 98,702 | 329,740 | 552,523 | N.A. |
| 1963 | 28,796 | 173,238 | 21,259 | 43,296 | 116,680 | 377,710 | 637,673 | 23,084 |
| 1964 | 28,822 | 177,824 | 21,494 | 44,794 | 120,745 | 401,251 | 679,563 | 22,152 |
| 1965 | 30,288 | 192,346 | 22,309 | 46,570 | 128,591 | 436,490 | 739,675 | 29,481 |
| 1966 | 31,635 | 208,283 | 23,125 | 48,516 | 140,343 | 486,350 | 823,873 | 44,436 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 60.4 | 5,121 | 4,716 | 24,032 | 14,525 | 3.080 | 2.426 | 1,944 |
| 1959 | 60.6 | 5,176 | 4,731 | 25,113 | 15,222 | 3.217 | 2.390 | 1,980 |
| 1960 | 60.9 | 5,263 | 4,822 | 26,403 | 16,082 | 3.335 | 2.440 | 1,976 |
| 1961 | 60.1 | 5,198 | 4,948 | 26,954 | 16,187 | 3.272 | 2.516 | 1,966 |
| 1962 | 59.7 | 5,373 | 5,161 | 28,892 | 17,242 | 3.341 | 2.558 | 2,018 |
| 1963 | 59.2 | 6,016 | 5,488 | 29,995 | 17,767 | 3.237 | 2.695 | 2,037 |
| 1964 | 59.0 | 6,170 | 5,618 | 31,616 | 18,668 | 3.323 | 2.698 | 2,084 |
| 1965 | 59.0 | 6,351 | 5,764 | 33,156 | 19,566 | 3.394 | 2.761 | 2,087 |
| 1966 | 59.0 | 6,584 | 6,069 | 35,627 | 21,031 | 3.465 | 2.893 | 2,098 |

SIC 2771 GREETING CARDS MANUFACTURING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 21,777 | 89,405 | 14,799 | 28,297 | 50,553 | 178,563 | 291,480 | 5,154 |
| 1959 | 22,658 | 98,907 | 15,075 | 28,749 | 54,283 | 193,982 | 308,325 | N.A. |
| 1960 | 23,042 | 101,547 | 14,155 | 27,714 | 52,878 | 196,523 | 319,585 | 6,281 |
| 1961 | 23,163 | 107,010 | 14,590 | 29,417 | 55,537 | 187,689 | 321,254 | N.A. |
| 1962 | 23,745 | 112,058 | 15,408 | 29,674 | 59,200 | 192,378 | 331,700 | N.A. |
| 1963 | 21,535 | 105,600 | 13,356 | 26,187 | 53,891 | 204,608 | 345,961 | 6,847 |
| 1964 | 22,592 | 115,082 | 13,468 | 26,543 | 57,240 | 247,191 | 385,744 | N.A. |
| 1965 | 24,654 | 132,187 | 14,304 | 28,669 | 59,906 | 255,200 | 407,431 | N.A. |
| 1966 | 27,214 | 154,927 | 15,494 | 32,270 | 69,929 | 296,544 | 460,111 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 61.3 | 4,105 | 3,416 | 19,696 | 12,066 | 3.532 | 1.787 | 1,912 |
| 1959 | 62.9 | 4,365 | 3,601 | 20,453 | 12,868 | 3.574 | 1.888 | 1,907 |
| 1960 | 61.5 | 4,407 | 3,736 | 22,578 | 13,884 | 3.717 | 1.908 | 1,958 |
| 1961 | 58.4 | 4,620 | 3,807 | 22,019 | 12,864 | 3.380 | 1.888 | 2,016 |
| 1962 | 58.0 | 4,719 | 3,842 | 21,528 | 12,486 | 3.250 | 1.995 | 1,926 |
| 1963 | 59.1 | 4,904 | 4,035 | 25,903 | 15,320 | 3.797 | 2.058 | 1,961 |
| 1964 | 64.1 | 5,094 | 4,250 | 28,642 | 18,354 | 4.319 | 2.157 | 1,971 |
| 1965 | 62.6 | 5,362 | 4,188 | 28,484 | 17,841 | 4.260 | 2.090 | 2,004 |
| 1966 | 64.5 | 5,693 | 4,513 | 29,696 | 19,139 | 4.241 | 2.167 | 2,083 |

SIC 2782 BLANKBOOKS, LOOSELEAF BINDERS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 17,872 | 79,024 | 13,756 | 26,838 | 52,740 | 132,660 | 217,862 | 6,805 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 17,899 | 91,197 | 14,412 | 28,710 | 64,392 | 168,465 | 268,219 | 6,120 |
| 1964 | 19,516 | 101,599 | 15,442 | 32,225 | 69,487 | 178,871 | 297,201 | N.A. |
| 1965 | 19,701 | 104,131 | 16,125 | 31,924 | 74,400 | 190,222 | 302,682 | 7,335 |
| 1966 | 21,402 | 116,247 | 17,669 | 34,784 | 83,259 | 220,359 | 344,172 | 9,558 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 60.9 | 4,422 | 3,834 | 15,838 | 9,644 | 2.515 | 1.965 | 1,951 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 62.8 | 5,095 | 4,468 | 18,611 | 11,689 | 2.616 | 2.243 | 1,992 |
| 1964 | 60.2 | 5,206 | 4,500 | 19,246 | 11,583 | 2.574 | 2.156 | 2,087 |
| 1965 | 62.8 | 5,286 | 4,614 | 18,771 | 11,797 | 2.557 | 2.331 | 1,980 |
| 1966 | 64.0 | 5,432 | 4,712 | 19,479 | 12,472 | 2.647 | 2.394 | 1,969 |

SIC 2789 BOOKBINDING & RELATED WORK

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 22,160 | 87,448 | 19,480 | 37,378 | 69,000 | 132,722 | 181,987 | 6,621 |
| 1959 | 23,789 | 96,958 | 22,485 | 40,079 | 78,032 | 142,804 | 199,484 | N.A. |
| 1960 | 24,531 | 99,634 | 23,079 | 40,068 | 79,399 | 149,278 | 206,449 | N.A. |
| 1961 | 23,360 | 101,995 | 22,040 | 39,537 | 81,140 | 148,540 | 204,970 | 5,642 |
| 1962 | 23,618 | 104,457 | 22,330 | 38,795 | 82,389 | 154,263 | 210,995 | N.A. |
| 1963 | 24,338 | 114,977 | 21,664 | 40,849 | 92,900 | 172,298 | 228,477 | 7,994 |
| 1964 | 24,149 | 118,747 | 21,746 | 40,042 | 94,312 | 177,815 | 238,278 | N.A. |
| 1965 | 29,345 | 142,454 | 25,454 | 47,685 | 111,991 | 220,734 | 299,285 | 7,047 |
| 1966 | 32,641 | 161,633 | 28,721 | 52,806 | 126,982 | 253,012 | 349,094 | 11,025 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 72.9 | 3,946 | 3,542 | 9,342 | 6,813 | 1.924 | 1.846 | 1,919 |
| 1959 | 71.6 | 4,076 | 3,470 | 8,872 | 6,351 | 1.830 | 1.947 | 1,782 |
| 1960 | 72.3 | 4,062 | 3,440 | 8,945 | 6,468 | 1.880 | 1.982 | 1,736 |
| 1961 | 72.5 | 4,366 | 3,681 | 9,300 | 6,740 | 1.831 | 2.052 | 1,794 |
| 1962 | 73.1 | 4,423 | 3,690 | 9,449 | 6,908 | 1.872 | 2.124 | 1,737 |
| 1963 | 75.4 | 4,724 | 4,288 | 10,546 | 7,953 | 1.855 | 2.274 | 1,886 |
| 1964 | 74.6 | 4,917 | 4,337 | 10,957 | 8,177 | 1.885 | 2.355 | 1,841 |
| 1965 | 73.8 | 4,854 | 4,400 | 11,758 | 8,672 | 1.971 | 2.349 | 1,873 |
| 1966 | 72.5 | 4,952 | 4,421 | 12,155 | 8,809 | 1.993 | 2.405 | 1,839 |

SIC 2791 TYPESETTING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|--|------------------------------------|--|---|--|--|---|--|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 18,011 | 109,352 | 14,377 | 27,278 | 85,430 | 155,123 | 177,186 | 7,181 |
| 1959 | 19,055 | 118,827 | 15,223 | 30,771 | 95,024 | 162,485 | 184,367 | N.A. |
| 1960 | 18,747 | 122,588 | 14,895 | 30,777 | 98,872 | 163,743 | 190,112 | N.A. |
| 1961 | 16,616 | 110,729 | 12,685 | 27,783 | 87,563 | 155,924 | 176,651 | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 20,997 | 147,286 | 16,944 | 33,517 | 118,664 | 205,450 | 241,014 | 6,747 |
| 1964 | 22,988 | 162,902 | 18,608 | 34,761 | 132,066 | 227,314 | 261,675 | N.A. |
| 1965 | 22,113 | 167,864 | 17,405 | 34,091 | 128,664 | 231,902 | 272,187 | N.A. |
| 1966 | 23,838 | 188,619 | 19,098 | 37,301 | 141,127 | 267,323 | 309,626 | 14,493 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 87.5 | 6,071 | 5,942 | 12,324 | 10,790 | 1.816 | 3,132 | 1,897 |
| 1959 | 88.1 | 6,236 | 6,242 | 12,111 | 10,674 | 1.710 | 3,088 | 2,021 |
| 1960 | 86.1 | 6,539 | 6,638 | 12,763 | 10,993 | 1.656 | 3,213 | 2,066 |
| 1961 | 88.3 | 6,664 | 6,903 | 13,926 | 12,292 | 1.781 | 3,152 | 2,190 |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 85.2 | 7,015 | 7,003 | 14,224 | 12,125 | 1.731 | 3,540 | 1,978 |
| 1964 | 86.9 | 7,086 | 7,097 | 14,063 | 12,216 | 1.721 | 3,799 | 1,868 |
| 1965 | 85.2 | 7,591 | 7,392 | 15,638 | 13,324 | 1.802 | 3,774 | 1,959 |
| 1966 | 86.3 | 7,913 | 7,390 | 16,212 | 13,997 | 1.894 | 3,783 | 1,953 |

SIC 2793 PHOTOENGRAVING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|--|------------------------------------|--|---|--|--|---|--|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 17,251 | 125,337 | 12,344 | 23,020 | 91,407 | 172,158 | 208,911 | 9,662 |
| 1959 | 17,307 | 126,703 | 12,245 | 23,034 | 91,377 | 176,661 | 212,103 | N.A. |
| 1960 | 17,555 | 130,189 | 12,380 | 23,607 | 92,917 | 182,004 | 218,211 | 3,532 |
| 1961 | 14,694 | 116,315 | 10,036 | 20,871 | 81,260 | 142,794 | 175,195 | N.A. |
| 1962 | 14,729 | 120,110 | 9,939 | 21,400 | 84,218 | 151,711 | 184,264 | N.A. |
| 1963 | 14,620 | 119,743 | 10,271 | 19,643 | 86,582 | 171,796 | 212,377 | 5,720 |
| 1964 | 13,761 | 119,342 | 9,793 | 19,355 | 85,353 | 171,743 | 213,398 | N.A. |
| 1965 | 13,877 | 118,073 | 9,884 | 19,519 | 84,906 | 172,020 | 217,145 | N.A. |
| 1966 | 13,848 | 120,238 | 9,743 | 19,337 | 87,019 | 180,790 | 225,031 | N.A. |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 82.4 | 7,265 | 7,405 | 16,924 | 13,947 | 1.883 | 3,971 | 1,865 |
| 1959 | 83.3 | 7,321 | 7,462 | 17,322 | 14,427 | 1.933 | 3,967 | 1,881 |
| 1960 | 83.4 | 7,416 | 7,505 | 17,626 | 14,701 | 1.959 | 3,936 | 1,907 |
| 1961 | 81.5 | 7,916 | 8,097 | 17,457 | 14,228 | 1.757 | 3,893 | 2,080 |
| 1962 | 82.3 | 8,155 | 8,473 | 18,539 | 15,264 | 1.801 | 3,935 | 2,153 |
| 1963 | 80.9 | 8,190 | 8,430 | 20,677 | 16,726 | 1.984 | 4,408 | 1,912 |
| 1964 | 80.5 | 8,672 | 8,716 | 21,791 | 17,537 | 2.012 | 4,410 | 1,976 |
| 1965 | 79.2 | 8,509 | 8,590 | 21,969 | 17,404 | 2.026 | 4,350 | 1,975 |
| 1966 | 80.3 | 8,683 | 8,931 | 23,097 | 18,556 | 2.078 | 4,500 | 1,985 |

SIC 2794 ELECTROTYPING & STEREOTYPING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|--|------------------------------------|--|---|--|--|---|--|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 6,759 | 44,173 | 4,966 | 9,294 | 31,795 | 62,675 | 81,143 | 2,216 |
| 1959 | 6,571 | 43,775 | 4,722 | 9,159 | 32,047 | 59,841 | 78,684 | N.A. |
| 1960 | 6,365 | 42,992 | 4,592 | 8,945 | 31,168 | 59,292 | 77,933 | N.A. |
| 1961 | 6,395 | 44,305 | 4,657 | 9,081 | 32,210 | 60,099 | 78,244 | N.A. |
| 1962 | 6,204 | 42,123 | 4,434 | 8,621 | 31,580 | 56,710 | 74,544 | N.A. |
| 1963 | 5,116 | 39,290 | 3,768 | 7,266 | 28,485 | 57,173 | 76,068 | 985 |
| 1964 | 4,643 | 36,881 | 3,147 | 6,759 | 26,259 | 54,001 | 74,029 | N.A. |
| 1965 | 5,141 | 41,305 | 3,658 | 7,203 | 26,040 | 57,870 | 79,021 | N.A. |
| 1966 | 5,070 | 40,494 | 3,548 | 6,828 | 25,226 | 59,607 | 81,155 | N.A. |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 77.2 | 6,535 | 6,403 | 16,340 | 12,621 | 1.971 | 3,421 | 1,872 |
| 1959 | 76.1 | 6,662 | 6,787 | 16,663 | 12,673 | 1.867 | 3,499 | 1,940 |
| 1960 | 76.1 | 6,754 | 6,787 | 16,971 | 12,912 | 1.902 | 3,484 | 1,948 |
| 1961 | 76.8 | 6,928 | 6,916 | 16,801 | 12,905 | 1.866 | 3,547 | 1,950 |
| 1962 | 76.1 | 6,790 | 7,122 | 16,812 | 12,790 | 1.796 | 3,663 | 1,944 |
| 1963 | 75.2 | 7,680 | 7,560 | 20,188 | 15,173 | 2.007 | 3,920 | 1,928 |
| 1964 | 72.9 | 7,943 | 8,344 | 23,524 | 17,160 | 2.056 | 3,885 | 2,148 |
| 1965 | 73.2 | 8,034 | 7,119 | 21,602 | 15,820 | 2.222 | 3,615 | 1,969 |
| 1966 | 73.4 | 7,987 | 7,110 | 22,873 | 16,800 | 2.363 | 3,694 | 1,924 |

Table II-5.--PAPER AND PRINTING INDUSTRIES RANKED BY GROWTH IN VALUE OF SHIPMENTS, 1958-66

| Rank | SIC Code | Description | Value of shipments (\$ millions) | | Ratio 1966/1958 |
|------|----------|--|-------------------------------------|-----------|--------------------|
| | | | 1958 | 1966 | |
| | | PAPER AND ALLIED PRODUCTS | | | |
| 1 | 2655 | Fiber Cans, Tubes, Drums, etc..... | 165,627 | 352,987 | 2.131 |
| 2 | 2645 | Die Cut Paper and Board..... | 251,364 | 512,504 | 2.039 |
| 3 | 2646 | Pressed and Molded Pulp Goods..... | 78,780 | 151,502 | 1.923 |
| 4 | 2653 | Corrugated Shipping Containers..... | 1,635,650 | 2,891,151 | 1.768 |
| 5 | 2641 | Paper Coating and Glazing..... | 805,185 | 1,383,414 | 1.718 |
| 6 | 2611 | Pulp Mills..... | 427,997 | 725,496 | 1.695 |
| 7 | 2613 | Paperboard Mills..... | 1,690,918 | 2,853,355 | 1.687 |
| 8 | 2642 | Envelopes..... | 271,631 | 446,281 | 1.643 |
| 9 | 264X | Sanitary and Converted Paper Products..... | 1,245,092 | 2,026,183 | 1.627 |
| 10 | 2643 | Bags, Except Textile Bags..... | 908,521 | 1,358,545 | 1.495 |
| 11 | 2621 | Paper Mills, Except Building..... | 3,259,415 | 4,804,788 | 1.474 |
| 12 | 2651 | Folding Paperboard Boxes..... | 887,209 | 1,289,522 | 1.453 |
| 13 | 2654 | Sanitary Food Containers..... | 680,079 | 964,138 | 1.418 |
| 14 | 2652 | Set-up Paperboard Boxes..... | 219,240 | 256,644 | 1.171 |
| 15 | 2644 | Wall Paper..... | 40,840 | 45,924 | 1.124 |
| 16 | 1661 | Building Paper and Board Mills..... | 329,808 | 351,237 | 1.065 |
| | | PRINTING AND PUBLISHING | | | |
| 1 | 2761 | Manifold Business Forms..... | 405,731 | 823,873 | 2.031 |
| 2 | 2753 | Engraving and Plate Printing..... | 87,202 | 175,942 | 2.018 |
| 3 | 2732 | Book Printing..... | 357,652 | 709,346 | 1.983 |
| 4 | 2731 | Books, Publishing and Printing..... | 1,033,144 | 1,996,324 | 1.932 |
| 5 | 2789 | Bookbinding and Related Work..... | 181,987 | 349,094 | 1.918 |
| 6 | 2791 | Typesetting..... | 177,186 | 309,626 | 1.747 |
| 7 | 2741 | Miscellaneous Publishing..... | 307,916 | 495,227 | 1.608 |
| 8 | 2782 | Blankbooks, Looseleaf Binders..... | 217,862 | 344,172 | 1.580 |
| 9 | 2771 | Greeting Cards Manufacturing..... | 291,480 | 460,111 | 1.578 |
| 10 | 2721 | Periodicals..... | 1,729,485 | 2,717,880 | 1.571 |
| 11 | 275X | Commercial Printing Except Engraving..... | 3,880,939 | 5,993,735 | 1.544 |
| 12 | 2711 | Newspapers..... | 3,628,021 | 5,520,202 | 1.522 |
| 13 | 2793 | Photoengraving..... | 208,911 | 225,031 | 1.077 |
| 14 | 2794 | Electrotyping and Stereotyping..... | 81,143 | 81,155 | 1.000 |

Table II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, PAPER AND PRINTING, 1958-1966
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|----------------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| PAPER AND ALLIED PRODUCTS | | | | | | | | | | | |
| 2611- | PULP | 568 | 607 | 654 | 641 | 649 | 726 | 802 | 804 | 848 | 1.49 |
| 26111 | SPECIAL ALPHA & DISSOLVING WOOD PULP | 134 | 154 | 149 | 153 | 162 | 210 | 233 | 266 | 268 | 2.00 |
| 26112 | OTHER PULP (INC. WOOD), & PULP MILL BYPRODUCTS, EXCEPT TALL OIL | 433 | 453 | 479 | 462 | 461 | 516 | 569 | 538 | 580 | 1.34 |
| 26110 | PULP, N.S.K. | NA | NA | *26 | *26 | *26 | 0 | NA | 0 | 0 | NC |
| 2621- | PAPER MILL PRODUCTS, EXC. BUILDING | 3,045 | 3,437 | 3,497 | 3,498 | 3,623 | 3,724 | 3,875 | 4,194 | 4,662 | 1.53 |
| 26211 | NEWSPRINT | 215 | 240 | 249 | 256 | 266 | 271 | 277 | 276 | 316 | 1.47 |
| 26212 | GROUNDWOOD PAPER, UNCOATED | 144 | 157 | 167 | 158 | 154 | 166 | 173 | 187 | 206 | 1.43 |
| 26213 | PAPER-MACHINE COATED PAPER | 363 | 405 | 405 | 404 | 430 | 499 | 538 | 612 | 702 | 1.94 |
| 26214 | BOOK PAPER, UNCOATED | 426 | 481 | 504 | 483 | 500 | 500 | 518 | 550 | 653 | 1.53 |
| 26215 | FINE PAPER, INC. THIN PAPER | 568 | 658 | 665 | 681 | 722 | 763 | 791 | 865 | 969 | 1.70 |
| 26216 | COARSE PAPER | 712 | 769 | 757 | 747 | 747 | 721 | 736 | 789 | 839 | 1.18 |
| 26217 | SPECIAL INDUSTRIAL PAPER | 176 | 213 | 220 | 231 | 247 | 255 | 280 | 296 | 335 | 1.90 |
| 26218 | SANITARY TISSUE STOCK & OTHER TISSUE PAPER, N.E.C. | 440 | 496 | 529 | 538 | 557 | 547 | 559 | 608 | 638 | 1.45 |
| 26210 | PAPER MILLS, EXCEPT BUILDING, N.S.K. | NA | *19 | NA | NA | NA | 3 | 3 | 10 | 5 | NC |
| 2631- | PAPERBOARD | 1,698 | 1,921 | 1,936 | 1,944 | 2,074 | 2,185 | 2,311 | 2,443 | 2,707 | 1.59 |
| 26311 | CONTAINER BOARD | 806 | 963 | 996 | 1,013 | 1,101 | 1,106 | 1,208 | 1,309 | 1,474 | 1.83 |
| 26312 | SPECIAL FOOD BOARD | 244 | 259 | 260 | 259 | 268 | 320 | 329 | 343 | 374 | 1.53 |
| 26313 | FOLDING BOXBOARD STOCK, EXCEPT SPECIAL FOOD BOARD | 354 | 385 | 373 | 383 | 405 | 420 | 427 | 439 | 492 | 1.39 |
| 26314 | SET-UP BOXBOARD | 66 | 71 | 82 | 64 | 65 | 66 | 64 | 67 | 69 | 1.05 |
| 26315 | SPECIAL PAPERBOARD, INC. CARDBOARD, OTHER BENDING & NONBENDING BOARD | 198 | 209 | 192 | 187 | 196 | 233 | 246 | 248 | 258 | 1.30 |
| 26316 | WET-MACHINE BOARD | 29 | 35 | 34 | 37 | 39 | 37 | 36 | 37 | 40 | 1.37 |
| 26310 | PAPERBOARD MILLS, N.S.K. | NA | NA | NA | NA | NA | 1 | 1 | 1 | *1 | NC |
| 2641- | PAPER, COATED & GLAZED | 812 | 923 | 971 | 1,002 | 1,126 | 1,171 | 1,202 | 1,321 | 1,454 | 1.79 |
| 26411 | OFF-MACHINE COATED PAPER FOR PRINTING | 96 | 110 | 133 | 127 | 144 | 148 | 157 | 175 | 185 | 1.92 |
| 26412 | OILED, WAXED & WAX LAMINATED PAPER | 240 | 246 | 244 | 245 | 237 | 213 | 203 | 203 | 185 | .77 |
| 26413 | GUMMED PRODUCTS | 78 | 98 | 102 | 94 | 98 | 98 | 104 | 113 | 125 | 1.60 |
| 26414 | PRESSURE SENSITIVE TAPE | 183 | 200 | 203 | 235 | 263 | 312 | 323 | 376 | 465 | 2.53 |
| 26415 | LAMINATED OR COATED WRAPPERS, EXCEPT WAXED (ROLLS AND SHEETS) | 77 | NA | NA | 125 | 133 | 119 | 125 | 149 | 155 | 2.02 |
| 26416 | OTHER COATED & PROCESSED PAPER, EXCEPT WRAPPERS | 135 | 156 | 167 | 174 | 251 | 273 | 285 | 298 | 332 | 2.46 |
| 26410 | PAPER COATING & GLAZING, N.S.K. | 2 | NA | NA | *1 | *1 | 8 | *5 | *7 | *8 | NC |
| 2642- | ENVELOPES | 247 | 268 | 279 | 288 | 300 | 331 | 332 | 369 | 417 | 1.69 |
| 26420 | ENVELOPES | 247 | 268 | 279 | 288 | 300 | 331 | 332 | 369 | 417 | 1.69 |
| 2643- | BAGS, EXC. TEXTILE BAGS | 857 | 945 | 940 | 950 | 959 | 977 | 1,013 | 1,114 | 1,231 | 1.44 |
| 26431 | GROCERS' & VARIETY BAGS, PAPER & WARDROBE, SHOPPING & OTHER BAGS | 240 | 261 | 274 | 263 | 257 | 254 | 275 | 311 | 347 | 1.45 |
| 26432 | SPECIALTY BAGS AND LINERS | 304 | 349 | 354 | 377 | 399 | 416 | 445 | 509 | 556 | 1.83 |
| 26433 | SHIPPING SACKS & MULTIWALL BAGS | 313 | 327 | 306 | 305 | 300 | 289 | 278 | 291 | 320 | 1.02 |
| 26430 | BAGS, EXCEPT TEXTILE, N.S.K. | NA | 9 | 6 | 5 | 4 | 18 | *15 | *4 | *8 | NC |
| 2644- | WALLPAPER | 36 | NA | NA | 30 | 29 | 34 | 36 | 40 | 45 | 1.26 |
| 26440 | WALLPAPER | 36 | NA | NA | 30 | 29 | 34 | 36 | 40 | *45 | *1.26 |
| 2645- | DIE-CUT PAPER & BOARD | 265 | 294 | 318 | 320 | 323 | 380 | 403 | 476 | 497 | 1.88 |
| 26451 | OFFICE SUPPLIES, (FILING ACCESSORIES) AND MISC. | 208 | 225 | 251 | 245 | 233 | 298 | 315 | 337 | 353 | 1.70 |
| 26452 | PASTED, LINED, LAMINATED OR SURFACE COATED PAPERBOARD | 57 | 69 | 67 | 75 | 90 | 73 | 81 | 121 | 127 | 2.23 |
| 26450 | DIE-CUT PAPER AND BOARD N.S.K. | NA | 2 | NA | NA | NA | 9 | 7 | *18 | *17 | NC |
| 2646- | PRESSED & MOLDED PULP GOODS | 80 | 90 | 87 | 89 | 97 | 112 | 118 | 140 | 146 | 1.82 |
| 26461 | BITUMINOUS FIBER PIPE & SEWER, & DRAINAGE & CONDUIT INC. FITTINGS, MOLDED PULP | 29 | 31 | 26 | 25 | 25 | 23 | 24 | 23 | 24 | .81 |
| 26462 | OTHER PRESSED & MOLDED PULP GOODS | 51 | 59 | 61 | 64 | 71 | 89 | 94 | 117 | 122 | 2.40 |

Table II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, PAPER AND PRINTING, 1958-1966--Con.
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|--------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 2647- | SANITARY PAPER PRODUCTS | 689 | 747 | 767 | 824 | 859 | 925 | 965 | 1,068 | 1,114 | 1.62 |
| 26471 | SANITARY NAPKINS & TAMPONS | 116 | 126 | 127 | 131 | 136 | 142 | 150 | 154 | 162 | 1.39 |
| 26472 | SANITARY TISSUE HEALTH PROD. | 573 | 621 | 641 | 693 | 723 | 783 | 815 | 914 | 952 | 1.66 |
| 2649- | CONVERTED PAPER PRODUCTS, N.E.C. | 482 | 553 | 583 | 597 | 630 | 590 | 639 | 706 | 784 | 1.63 |
| 26491 | STATIONERY, TABLETS, & RELAT ED PRODUCTS | 151 | 167 | 162 | 154 | 160 | 202 | 218 | 226 | 253 | 1.68 |
| 26492 | WRAPPING PRODUCTS (GIFT WRAP, ETC.) | 87 | NA | NA | 98 | 109 | 88 | 98 | 112 | 123 | 1.41 |
| 26495 | OTHER CONVERTED PAPER & BOARD PRODUCTS | 227 | 290 | 290 | 299 | 320 | 270 | 297 | 323 | 358 | 1.58 |
| 26490 | CONVERTED PAPER PRODUCTS, N.S.K. | 17 | NA | NA | *46 | *40 | 29 | *25 | *45 | *49 | NC |
| 2651- | FOLDING PAPERBOARD BOXES & CARTONS (EXC. ICE CREAM, BUTTER, MARGARINE, FROZEN FOODS, ETC.) | 815 | 856 | 866 | 879 | 912 | 1,026 | 1,019 | 1,127 | 1,209 | 1.48 |
| 26510 | FOLDING PAPERBOARD BOXES & CARTONS (EXCEPT ICE CREAM, BUTTER, MARGARINE, ETC.) | 815 | 856 | 866 | 879 | 912 | 1,026 | 1,019 | 1,127 | 1,209 | 1.48 |
| 2652- | SET-UP PAPERBOARD BOXES | 226 | 235 | 231 | 236 | 237 | 232 | 246 | 300 | 320 | 1.41 |
| 26520 | SET-UP PAPERBOARD BOXES | 226 | 235 | 231 | 236 | 237 | 232 | 246 | 300 | 320 | 1.41 |
| 2653- | CORRUGATED & SOLID FIBER BOXES, INC. PALLETS | 1,628 | 1,863 | 1,864 | 1,892 | 2,107 | 2,136 | 2,318 | 2,479 | 2,811 | 1.73 |
| 26530 | CORRUGATED & SOLID FIBER BOXES, INC. PALLETS | 1,628 | 1,863 | 1,864 | 1,892 | 2,107 | 2,136 | 2,318 | 2,479 | 2,811 | 1.73 |
| 2654- | SANITARY FOOD CONTAINERS | 642 | 701 | 726 | 773 | 838 | 855 | 859 | 874 | 927 | 1.44 |
| 26541 | MILK & OTHER BEVERAGE CARTONS | 199 | 214 | 212 | 220 | 256 | 285 | 269 | 266 | 280 | 1.41 |
| 26542 | CUPS & LIQUID-TIGHT FOOD CONTAINERS | 230 | 247 | 267 | 287 | 300 | 300 | 303 | 304 | 337 | 1.46 |
| 26543 | OTHER SANITARY FOOD CONTAINERS, BOARDS & TRAYS | 213 | 240 | 247 | 266 | 282 | 270 | 287 | 304 | 310 | 1.46 |
| 2655- | FIBER CANS, TUBES, DRUMS, ETC. | 189 | 204 | 198 | 209 | 240 | 302 | 331 | 389 | 424 | 2.24 |
| 26551 | PAPERBOARD AND OTHER FIBER DRUMS | 55 | 63 | 61 | 62 | 69 | 62 | 69 | 73 | 87 | 1.57 |
| 26552 | FIBER CANS, TUBES & OTHER FIBER PRODUCTS | 134 | 141 | 136 | 148 | 170 | 237 | 259 | 313 | 333 | 2.49 |
| 26550 | FIBER CANS, TUBES, DRUMS, ETC., N.S.K. | NA | NA | NA | NA | NA | 3 | *4 | *3 | *4 | NC |
| 2661- | BUILDING PAPER & BOARD | 295 | 328 | 321 | 319 | 323 | 300 | 317 | 325 | 320 | 1.08 |
| 26611 | INSULATING BOARD | 170 | 190 | 183 | 178 | 179 | 171 | 182 | 190 | 185 | 1.09 |
| 26612 | CONSTRUCTION PAPER | 121 | 133 | 132 | 135 | 138 | 127 | 133 | 134 | 133 | 1.10 |
| 26610 | BUILDING PAPER & BOARD MILLS, N.S.K. | 4 | *5 | *6 | *6 | *6 | 1 | 2 | 1 | 1 | NC |
| PRINTING AND PUBLISHING | | | | | | | | | | | |
| 2711- | NEWSPAPERS | 3,458 | 3,767 | 3,920 | 3,955 | 4,089 | 4,255 | 4,620 | 4,886 | 5,256 | 1.52 |
| 27111 | DAILY & SUNDAY, NEWSPAPERS, SUBSCRIPTIONS & SALES | 917 | 955 | 994 | 1,043 | 1,062 | 1,064 | 1,157 | 1,177 | 1,218 | 1.33 |
| 27112 | DAILY & SUNDAY, NEWSPAPERS, ADVERTISING RECEIPTS | 2,209 | 2,441 | 2,542 | 2,545 | 2,655 | 2,728 | 2,966 | 3,167 | 3,470 | 1.57 |
| 27113 | WEEKLY & OTHER, NEWSPAPERS, SUBSCRIPTIONS & SALES | 63 | 71 | 73 | 71 | 80 | 83 | 87 | 94 | 109 | 1.74 |
| 27114 | WEEKLY & OTHER, NEWSPAPERS, ADVERTISING RECEIPTS | 235 | 249 | 264 | 258 | 261 | 296 | 314 | 332 | 380 | 1.62 |
| 27110 | NEWSPAPERS, N.S.K. | 35 | *51 | *47 | *37 | *32 | 84 | *96 | *117 | *79 | NC |
| 2721- | PERIODICALS | 1,639 | 1,836 | 1,950 | 1,978 | 2,006 | 2,037 | 2,170 | 2,300 | 2,405 | 1.47 |
| 27211 | FARMS, PERIODICALS, SUBSCRIPTIONS & SALES | 11 | 13 | 13 | 13 | 11 | 8 | 11 | 10 | 11 | 1.01 |
| 27212 | FARMS, PERIODICALS, ADVERTISING RECEIPTS | 55 | 58 | 55 | 53 | 54 | 46 | 47 | *74 | *78 | *1.40 |
| 27213 | BUSINESS & PROFESSIONAL PERIODICALS, SUBSCRIPTIONS & SALES | 86 | 90 | 102 | 106 | 115 | 123 | 133 | 152 | 162 | 1.88 |
| 27214 | BUSINESS & PROFESSIONAL PERIODICALS, ADVERTISING RECEIPTS | 294 | 354 | 383 | 384 | 378 | 413 | 451 | 464 | 540 | 1.83 |

Table II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, PAPER AND PRINTING, 1958-1966--Con.
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 27215 | GENERAL PERIODICALS, SUBSCRIPTIONS & SALES | 343 | 381 | 409 | 433 | 427 | 459 | 501 | 556 | 579 | 1.69 |
| 27216 | GENERAL PERIODICALS, ADVERTISING RECEIPTS | 544 | 630 | 679 | 686 | 709 | 711 | 747 | 810 | 813 | 1.50 |
| 27217 | OTHER PERIODICALS, SUBSCRIPTIONS, SALES & ADVERTISING RECEIPTS | 265 | 262 | 275 | 265 | 264 | 230 | 227 | 196 | 194 | .73 |
| 27210 | PERIODICALS, N.S.K. | 40 | *46 | *34 | *38 | *47 | 48 | 53 | *37 | *28 | NC |
| 2731- | BOOKS, PUBLISHING & PRINTING | 1,011 | 1,134 | 1,282 | 1,365 | 1,502 | 1,549 | 1,730 | 1,818 | 2,081 | 2.06 |
| 27311 | TEXTBOOKS | 282 | 311 | 360 | 389 | 415 | 471 | 525 | 640 | 779 | 2.77 |
| 27312 | SUBSCRIPTION REFERENCE BOOKS | 164 | 177 | 200 | 197 | 221 | 207 | 190 | 211 | 195 | 1.19 |
| 27313 | TECHNICAL, SCIENTIFIC & PROFESSIONAL BOOKS | 116 | 125 | 135 | 144 | 145 | 156 | 183 | 176 | 193 | 1.67 |
| 27314 | RELIGIOUS BOOKS | 59 | 61 | 64 | 73 | 73 | 81 | 84 | 77 | 86 | 1.47 |
| 27315 | GENERAL BOOKS (TRADE), ETC. | 275 | 312 | 348 | 386 | 448 | 460 | 538 | 531 | 611 | 2.23 |
| 27316 | OTHER BOOKS & PAMPHLETS | 96 | 112 | 131 | 128 | 152 | 155 | 184 | 181 | 213 | 2.22 |
| 27310 | BOOK, PUBLISHING & PRINTING N.S.K. | 20 | *36 | *46 | *49 | *48 | 19 | *25 | 3 | *4 | NC |
| 2732- | BOOK PRINTING | 423 | 472 | 532 | 540 | 540 | 607 | 638 | 723 | 828 | 1.96 |
| 27321 | BOOK & PAMPHLET PRINTING & BOOK BINDING (LITHOGRAPHIC PROCESS) | 168 | 209 | 253 | 255 | 256 | 344 | 356 | 416 | 484 | 2.89 |
| 27322 | BOOK & PAMPHLET PRINTING & BOOK BINDING (OTHER PROCESS) | 248 | 259 | 263 | 263 | 271 | 242 | 259 | 286 | 325 | 1.31 |
| 27320 | BOOK PRINTING, N.S.K. | 7 | *5 | *15 | *22 | *13 | 21 | 22 | *21 | *18 | NC |
| 2741- | MISCELLANEOUS PUBLISHING | 298 | 319 | 344 | 366 | 370 | 413 | 461 | 497 | 516 | 1.73 |
| 27411 | CATALOG & DIRECTORIES, PUBLISHING | 94 | 95 | 100 | 106 | 110 | 133 | 152 | 168 | 177 | 1.90 |
| 27412 | BUSINESS SERVICES, PUBLICATIONS | 64 | 69 | 75 | 83 | 85 | 102 | 114 | 115 | 122 | 1.90 |
| 27413 | OTHER MISC. PUBLISHING | 132 | 128 | 147 | 157 | 156 | 158 | 172 | 183 | 191 | 1.45 |
| 27410 | MISC. PUBLISHING, N.S.K. | 8 | *27 | *22 | *20 | *18 | 21 | 23 | *32 | *25 | NC |
| 2751- | PRINTING, EXC. LITHOGRAPHIC | 2,428 | 2,603 | 2,742 | 2,808 | 2,928 | 2,755 | 2,863 | 2,958 | 3,181 | 1.31 |
| 27511 | LETTERPRESS PRINTING MAGAZINES & PERIODICALS | 426 | 603 | 643 | 657 | 656 | 617 | 642 | 586 | 621 | 1.46 |
| 27512 | LETTERPRESS PRINTING LABELS & WRAPPERS | 263 | 280 | 271 | 266 | 281 | 297 | 281 | 307 | 329 | 1.25 |
| 27513 | LETTERPRESS PRINTING CATALOGS & DIRECTORIES | 140 | 147 | 158 | 161 | 166 | 149 | 147 | 156 | 164 | 1.17 |
| 27514 | LETTERPRESS PRINTING FINANCIAL & LEGAL | 77 | NA | NA | *50 | *57 | 111 | 108 | 124 | 145 | 1.89 |
| 27515 | LETTERPRESS PRINTING ADVERTISING (OTHER) | 349 | 341 | 361 | 339 | 347 | 276 | 293 | 303 | 334 | .96 |
| 27516 | OTHER GENERAL (JOB) LETTERPRESS PRINTING | 643 | 605 | 625 | 660 | 713 | 717 | 761 | 770 | 810 | 1.26 |
| 27517 | PUBLICATION PRINTING (GRAVURE) | 126 | 140 | 149 | 176 | 190 | 159 | 184 | 192 | 219 | 1.73 |
| 27518 | OTHER GRAVURE PRINTING | 119 | 133 | 134 | 132 | 136 | 146 | 155 | 156 | 176 | 1.48 |
| 27519 | SCREEN PROCESS PRINTING, EXCEPT TEXTILES | 53 | *68 | *90 | *92 | *117 | 69 | *77 | 91 | 111 | 2.09 |
| 27510 | PRINTING, EXC. LITHOGRAPHIC, N.S.K. | 232 | NA | NA | *275 | *267 | 213 | 215 | 272 | 273 | NC |
| 2752- | PRINTING, LITHOGRAPHIC | 1,366 | 1,465 | 1,567 | 1,649 | 1,755 | 2,025 | 2,125 | 2,448 | 2,702 | 1.98 |
| 27521 | MAGAZINES & PERIODICALS | 66 | 100 | 110 | 109 | 124 | 139 | 134 | 183 | 210 | 3.17 |
| 27522 | LABELS & WRAPPERS | 123 | 129 | 141 | 126 | 126 | 147 | 163 | 173 | 188 | 1.52 |
| 27523 | CATALOGS & DIRECTORIES | 76 | 90 | 96 | 106 | 116 | 165 | 161 | 209 | 233 | 3.09 |
| 27524 | FINANCIAL & LEGAL | 50 | 70 | 77 | 80 | 80 | 109 | 108 | 111 | 122 | 2.43 |
| 27525 | ADVERTISING (DIRECT MAIL, DISPLAY & OTHER) | 577 | 625 | 659 | 693 | 727 | 722 | 815 | 845 | 919 | 1.59 |
| 27526 | OTHER GENERAL (JOB) LITHOGRAPHY | 372 | 319 | 341 | 397 | 425 | 518 | 515 | 664 | 747 | 2.01 |
| 27527 | LITHOGRAPHIC PLATES MADE FOR OTHERS | 68 | 74 | 78 | 82 | 98 | 130 | 144 | 170 | 203 | 2.99 |
| 27520 | PRINTING, LITHOGRAPHIC, N.S.K. | 33 | *59 | *65 | *57 | *58 | 96 | *85 | 92 | *80 | NC |
| 2753- | ENGRAVING & PLATE PRINTING | 94 | 97 | 113 | 122 | 120 | 118 | 125 | 182 | 192 | 2.05 |
| 27530 | ENGRAVING & PLATE PRINTING | 94 | 97 | 113 | 122 | 120 | 118 | 125 | 182 | 192 | 2.05 |
| 2761- | MANIFOLD BUSINESS FORMS | 374 | 420 | 431 | 467 | 501 | 598 | 632 | 700 | 794 | 2.12 |
| 27611 | CONTINUOUS BUSINESS FORMS | 169 | 189 | 207 | 223 | 247 | 291 | 320 | 357 | 407 | 2.40 |
| 27612 | UNIT SET FORMS | 160 | 173 | 173 | 196 | 205 | 258 | 262 | 285 | 324 | 2.03 |
| 27613 | SALES & OTHER MANIFOLD BOOKS | 45 | 49 | 51 | 49 | 50 | 40 | 40 | 58 | 61 | 1.35 |
| 27610 | MANIFOLD BUSINESS FORMS, N.S.K. | NA | NA | NA | NA | NA | 10 | *10 | 2 | *1 | NC |
| 2771- | GREETING CARD MANUFACTURING | 277 | 296 | 307 | 308 | 320 | 310 | 352 | 367 | 411 | 1.48 |

Table II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, PAPER AND PRINTING, 1958-1966-Con.
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|--|------|------|------|------|------|------|------|------|------|----------------|
| 27711 | GREETING CARDS, PUBLISHERS' SALES | 234 | 240 | 263 | 266 | 282 | 263 | 302 | 334 | 372 | 1.59 |
| 27712 | GREETING CARDS, PRINTED FOR PUBLICATION BY OTHERS | 38 | 47 | NA | *34 | *31 | 40 | 44 | *26 | *27 | *.71 |
| 27710 | GREETING CARD MANUFACTURING, N.S.K. | 5 | *9 | NA | *7 | *7 | 7 | 7 | 7 | 12 | NC |
| 2782- | BLANKBOOKS LOOSELEAF BINDER | 214 | 224 | 238 | 281 | 309 | 252 | 287 | 285 | 324 | 1.52 |
| 27821 | BLANKBOOK MAKING | 118 | 116 | 125 | *156 | *169 | 124 | 144 | 143 | 164 | 1.39 |
| 27822 | LOOSELEAF BINDERS & DEVICES | 95 | *108 | *113 | *125 | *141 | 120 | 134 | 133 | 152 | 1.59 |
| 27820 | BLANKBOOKS, LOOSELEAF BINDERS & DEVICES, N.S.K. | 0 | 0 | Z | 0 | 0 | 8 | 8 | 9 | 8 | NC |
| 2789- | BOOKBINDING & RELATED WORK | 191 | 209 | 224 | 220 | 221 | 243 | 247 | 301 | 344 | 1.80 |
| 27891 | EDITION, LIBRARY, & OTHER HARD COVER BOOKBINDING | 83 | 94 | 91 | 86 | 89 | 109 | 113 | 135 | 163 | 1.95 |
| 27892 | OTHER BOOK & PAMPHLET BINDING & RELATED BINDING WORK | 96 | 105 | 116 | 115 | *110 | 118 | 118 | 141 | 159 | 1.66 |
| 27890 | BOOKBINDING & RELATED WORK, N.S.K. | 12 | *11 | *16 | *20 | *22 | 16 | 16 | 25 | 23 | NC |
| 2791- | TYPESETTING | 175 | 186 | 188 | 177 | *194 | 250 | 272 | 275 | 315 | 1.80 |
| 27910 | TYPESETTING | 175 | 186 | 188 | 177 | *194 | 250 | 272 | 275 | 315 | 1.80 |
| 2793- | PHOTOENGRAVING | 209 | 212 | 209 | 181 | 191 | 215 | 217 | 223 | 230 | 1.10 |
| 27930 | PHOTOENGRAVING | 209 | 212 | 209 | 181 | 191 | 215 | 217 | 223 | 230 | 1.10 |
| 2794- | ELECTROTYPING & STEREOTYPING | 81 | 80 | 79 | 76 | 73 | 72 | 72 | 75 | 77 | .94 |
| 27940 | ELECTROTYPING & STEREOTYPING | 81 | 80 | 79 | 76 | 73 | 72 | 72 | 75 | 77 | .94 |

Table II-7.--IMPORTS--PAPER AND PRINTING, 1958-66

| Product code | Title | Imports, for consumption (million dollars) | | | | | | | | |
|----------------------|--|--|---------|---------|---------|---------|---------|---------|---------|-------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | PAPER AND ALLIED PRODUCTS | | | | | | | | | |
| 2626 | Paper and allied products, total..... | 1,398.8 | 1,252.7 | 1,185.0 | 1,082.5 | 1,094.9 | 1,046.7 | 1,053.5 | 1,043.4 | 947.8 |
| 2611 | Pulp mill products..... | 425.0 | 398.9 | 370.1 | 329.6 | 332.6 | 303.2 | 305.5 | 314.7 | 276.7 |
| 26111 | Special alpha and dissolving wood pulp..... | 49.1 | 47.8 | 45.9 | 42.5 | 43.3 | 30.4 | 39.6 | 34.0 | 25.3 |
| 26112 | Pulp mill products, n.e.c..... | 376.0 | 351.1 | 324.2 | 287.1 | 289.3 | 272.8 | 265.9 | 280.7 | 251.4 |
| 2621 pt. | Paper mill products..... | 938.4 | 826.2 | 785.4 | 720.4 | 729.3 | 714.8 | 716.9 | 696.6 | 634.3 |
| 26211 | Newsprint..... | 889.6 | 789.6 | 752.5 | 687.8 | 695.8 | 686.5 | 688.7 | 665.7 | 615.1 |
| 26212 | Groundwood paper, uncoated..... | 21.1 | 15.2 | 11.5 | 7.5 | 7.2 | 6.2 | 7.2 | 7.5 | 6.6 |
| 26214 | Book paper, uncoated..... | 2.6 | 1.6 | 1.7 | 1.5 | 0.6 | 0.5 | 0.3 | | |
| 26215, 8 | Fine paper, including thin paper and tissue stock..... | 8.0 | 8.3 | 8.8 | 11.7 | 13.3 | 10.9 | 9.8 | 10.5 | 4.4 |
| 26216 | Coarse paper..... | 15.5 | 11.3 | 10.7 | 11.6 | 11.8 | 10.2 | 10.5 | 12.6 | 7.9 |
| 26217 | Special industrial paper..... | 1.8 | 0.2 | 0.2 | 0.3 | 0.5 | 0.5 | 0.4 | 0.3 | 0.3 |
| 2631 | Paperboard mill products..... | 8.5 | 4.3 | 5.1 | 7.9 | 8.5 | 6.9 | 6.7 | 8.2 | 7.7 |
| 2641, 26213 | Coated and glazed paper ¹ | 4.2 | 3.8 | 3.6 | 2.1 | 1.7 | 2.1 | 3.0 | 3.5 | n.a. |
| 26411, 26213 | Coated paper, machine and off machine..... | 0.3 | 0.3 | 0.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 26412, 5, 6 | Laminated and other coated paper..... | 2.1 | 2.2 | 2.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 26414 | Pressure sensitive tapes..... | 1.7 | 1.3 | 1.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 2642 | Envelopes..... | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| 2644 | Wallpaper..... | 4.0 | 3.1 | 3.4 | 2.7 | 3.3 | 2.7 | 3.2 | 2.8 | 2.4 |
| 2651, 2, 3 | Folding and setup boxes ² | 1.5 | 1.3 | 1.6 | 2.3 | 2.4 | 2.2 | 2.4 | 2.1 | 3.4 |
| 2643, 5, 7, 9 | Paper and paperboard products, n.e.c..... | 11.5 | 10.0 | 10.5 | 13.4 | 13.0 | 10.9 | 11.0 | 10.8 | n.a. |
| 2654, 5 | Pressed and molded pulp goods..... | 3.4 | 2.4 | 2.3 | 2.7 | 3.4 | 2.9 | 3.2 | 2.7 | 2.1 |
| 2646 | Insulating board..... | 2.0 | 2.4 | 2.8 | 1.5 | 0.5 | 0.9 | 1.5 | 1.9 | 1.0 |
| 26611 | | | | | | | | | | |
| | PRINTING, PUBLISHING, AND ALLIED PRODUCTS | | | | | | | | | |
| 27 | Printing, publishing and allied products, total..... | 99.9 | 79.6 | 74.8 | 63.7 | 54.6 | 44.6 | 39.3 | 34.3 | 27.7 |
| 27111, 3 | Newspapers..... | 2.9 | 2.5 | 1.8 | 4.2 | 2.8 | 2.5 | 2.3 | 2.7 | 2.0 |
| 27211, 3, 5, 7 pt. | Periodicals..... | 3.4 | 3.6 | 4.5 | | | | | | |
| 2731 | Books and pamphlets..... | 64.5 | 51.2 | 46.1 | 39.9 | 33.4 | 25.0 | 21.6 | 18.2 | 14.9 |
| 2741, 27512-6 | Miscellaneous printed materials, not lithographically printed..... | 16.4 | 11.3 | 13.0 | | | | | | |
| 27518, 9 | Labels and wrappers, lithographic..... | 0.4 | 0.3 | 0.3 | | | | | | |
| 27522 | Other lithographic printing..... | 6.4 | 5.8 | 5.2 | 19.7 | 18.4 | 17.0 | 15.4 | 13.4 | 10.8 |
| 27523-6 | Greeting cards..... | 2.4 | 2.2 | 1.8 | | | | | | |
| 27711 | Blank books..... | 2.6 | 2.2 | 1.7 | | | | | | |
| 27821 | | | | | | | | | | |
| 27527, 2753, 2793, 4 | Plates prepared for printing..... | 0.9 | 0.5 | 0.5 | | | | | | |

¹ Imports do not include code 26413.² Imports include some boxes of wood, covered or lined.

Table II-8.--EXPORTS--PAPER AND PRINTING, 1958-66

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--------------|---|---|--------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | PAPER AND ALLIED PRODUCTS | | | | | | | | | |
| 26 | Paper and allied products, total..... | 669.4 | 594.4 | 591.9 | 504.5 | 452.7 | 447.6 | 419.1 | 337.9 | 308.5 |
| 2611 | Pulp mill products..... | 225.1 | 205.1 | 221.7 | 194.9 | 168.7 | 170.4 | 167.2 | 106.8 | 85.9 |
| 26111 | Special alpha and dissolving wood pulp..... | 95.9 | 88.3 | 94.0 | 84.9 | 78.3 | 74.9 | 71.9 | 54.3 | 43.1 |
| 26112 | Pulp mill products, n.e.c..... | 129.2 | 116.9 | 127.7 | 110.0 | 90.4 | 95.5 | 95.3 | 52.5 | 42.8 |
| 2621 pt. | Paper mill products, except paper-machine coated | 1114.8 | 1107.0 | 113.2 | 99.1 | 92.6 | 96.1 | 91.2 | 82.6 | 82.0 |
| 26211 | Newsprint..... | 13.0 | 10.9 | 14.5 | 14.8 | 14.6 | 23.0 | 17.7 | 16.3 | 17.5 |
| 26212 | Groundwood paper, uncoated..... | 2.2 | 1.9 | 3.5 | 2.8 | 2.7 | 2.6 | 2.4 | 1.4 | 1.4 |
| 26214 | Book paper, uncoated..... | 2.9 | 3.1 | 6.0 | 4.8 | 4.6 | 5.1 | 6.7 | 8.0 | 6.8 |
| 26215 | Fine paper, including thin paper..... | 35.8 | 30.0 | 26.3 | 23.2 | 24.7 | 25.9 | 25.1 | 22.9 | 22.3 |
| 26216 | Coarse paper..... | 126.8 | 127.8 | 27.0 | 22.7 | 20.1 | 18.1 | 19.2 | 15.6 | 18.3 |
| 26217 | Special industrial paper..... | 125.9 | 123.1 | 28.3 | 25.4 | 21.9 | 17.9 | 15.9 | 14.0 | 11.2 |
| 26218 | Tissue stock..... | 8.2 | 10.1 | 7.4 | 5.4 | 4.0 | 3.4 | 4.3 | 4.5 | 4.2 |
| 2631 | Paperboard mill products..... | 1194.4 | 1166.1 | 131.4 | 97.1 | 84.5 | 82.7 | 73.1 | 63.4 | 51.6 |
| 26311 | Container board..... | 1179.5 | 1154.4 | 99.5 | 69.6 | 57.4 | 55.2 | 50.6 | 44.7 | 33.9 |
| 26313-5 | Folding and set-up boxboard and special paperboard..... | 13.2 | 10.2 | 20.6 | 17.5 | 18.2 | 19.2 | 16.3 | 13.8 | 14.1 |
| 26312 | Special food board..... | 1.8 | 1.5 | 9.4 | 8.3 | 7.0 | 6.7 | 4.9 | 3.5 | 2.1 |
| 26316 | Wet machine board..... | | | 1.8 | 1.7 | 2.0 | 1.7 | 1.4 | 1.5 | 1.6 |
| 2641;26213 | Coated and glazed paper..... | 57.8 | 49.7 | 237.9 | 233.9 | 228.6 | 224.0 | 223.9 | 222.7 | 219.3 |
| 26411,26213 | Coated printing and writing paper..... | 23.6 | 22.0 | 15.0 | 11.5 | 10.1 | 8.6 | 9.6 | 9.4 | 8.7 |
| 26412 | Oiled, waxed or waxed laminated paper..... | 2.6 | 2.5 | 4.3 | 4.1 | 3.5 | 3.5 | 4.2 | 4.5 | 4.3 |
| 26415 | Laminated or coated wrappers, except waxed... | 0.4 | 0.4 | (²) | (²) | (³) | (²) | (²) | (²) | (²) |
| 26416 | Other coated paper..... | 13.5 | 9.9 | (²) | (²) | (³) | (²) | (²) | (²) | (²) |
| 26413 | Gummed products..... | 2.3 | 2.1 | 318.6 | 318.4 | 315.0 | 311.8 | 310.0 | 8.8 | 6.3 |
| 26414 | Pressure sensitive tapes..... | 315.4 | 312.8 | | | | | | | |
| 2642 | Envelopes..... | 40.5 | 40.4 | 0.8 | 0.6 | 0.8 | 0.8 | 0.7 | 0.6 | 0.7 |
| 2643 | Bags, except textile..... | 9.7 | 7.5 | 6.2 | 5.6 | 6.6 | 6.2 | 5.5 | 5.4 | 5.9 |
| 26431 | Grocers' and variety bags..... | 1.6 | 1.5 | 3.2 | 3.0 | 2.7 | 2.5 | 2.5 | 2.4 | 2.4 |
| 26432 | Specialty bags and liners..... | 4.8 | 2.8 | 3.0 | 2.6 | 3.9 | 3.7 | 3.0 | 3.0 | 3.5 |
| 26433 | Shipping sacks and multiwall bags..... | 3.3 | 3.2 | | | | | | | |
| 2644 | Wallpaper..... | 2.2 | 2.2 | 1.1 | 0.9 | 0.8 | 0.7 | 0.4 | 0.3 | 0.3 |
| 2647 | Sanitary paper products..... | 7.2 | 6.7 | 6.3 | 5.6 | 5.3 | 5.3 | 5.2 | 5.8 | n.a. |
| 26471 | Sanitary napkins and tampons..... | 0.6 | 0.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 26472 | Sanitary tissue health products..... | 6.5 | 6.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 2646 | Pressed and molded pulp goods..... | 0.3 | 0.3 | (²) | (²) | (²) | (²) | (²) | (²) | (²) |
| 2649;2645 | Converted paper and paperboard products, n.e.c. | 527.2 | 523.7 | 645.7 | 636.6 | 634.7 | 634.4 | 629.0 | 626.8 | 631.4 |
| 26491 | Stationery, tablets, and related products.... | 0.7 | 0.7 | 0.7 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | n.a. |
| 2651.2 | Folding and set-up boxes..... | 6.7 | 4.7 | 4.3 | 4.5 | 5.3 | 4.4 | 4.0 | 4.5 | 4.4 |

See footnotes at end of table.

Table II-8.--EXPORTS--PAPER AND PRINTING, 1958-66--Con.

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--------------------|--|---|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | PAPER AND ALLIED PRODUCTS--Con. | | | | | | | | | |
| 2653 | Corrugated and solid fiber boxes, including pallets..... | 6.3 | 7.8 | | | | | | | |
| 2654 | Sanitary food containers..... | 78.4 | 75.8 | | | | | | | |
| 2655 | Fiber cans, tubes, drums, and similar products.. | 2.1 | 1.4 | | | | | | | |
| 26551 | Paperboard and other fiber drums..... | 0.3 | 0.2 | | | | | | | |
| 26552 | Fiber cans, tubes, and other fiber products.. | 1.8 | 1.2 | 17.0 | 19.9 | 19.4 | 17.2 | 14.0 | 14.2 | 19.3 |
| 2661 | Building paper and board..... | 6.7 | 6.0 | 6.2 | 5.9 | 5.4 | 5.4 | 4.9 | 4.8 | 5.7 |
| 26611 | Insulating paper..... | 4.5 | 4.0 | 4.7 | 4.5 | 3.7 | 3.6 | 3.3 | 3.2 | n.a. |
| 26612 | Construction paper..... | 2.2 | 2.0 | 1.5 | 1.4 | 1.6 | 1.9 | 1.6 | 1.5 | n.a. |
| 27 | Printing, publishing, and allied products, total..... | 270.0 | 232.7 | 207.2 | 178.6 | 162.9 | 151.9 | 138.8 | 126.4 | 112.8 |
| 27111, 3 | Newspapers..... | 3.1 | 2.8 | 2.3 | 2.2 | 2.3 | 2.7 | 3.6 | 3.9 | 3.9 |
| 27211, 3, 5, 7 pt. | Periodicals..... | 74.2 | 65.2 | 54.5 | 46.3 | 45.9 | 44.9 | 39.5 | 35.1 | 32.0 |
| 2731 | Books and pamphlets..... | 121.5 | 100.0 | 88.6 | 77.7 | 65.1 | 57.0 | 51.2 | 44.7 | 39.0 |
| 2700 | Printing, publishing, and allied products, n.e.c. ⁸ | 71.2 | 64.8 | 61.7 | 52.3 | 49.6 | 47.3 | 44.4 | 42.7 | 37.9 |

¹Revised.²Kraft bleached and semibleached paper (part of code 2621) and Bristols are included with paperboard (code 2631).³Included with code 2649 for 1964 and earlier years.⁴For 1966 and 1965, pressure sensitive tape includes only plastic and paper; data for 1964 and earlier years include cloth.⁵Includes only envelopes of a type used for correspondence.⁶Includes creped paper and impregnated or coated wrapping products (part of code 2641). Also includes food-serving products (part of code 2654).⁷Includes codes 26416 and 2646 and various products from other miscellaneous classes.⁸Food-serving products included with code 2649.⁹Exports cover products primarily in this major group but not comparable to output at more detailed levels.

Appendix 1.—Industry Definitions

| SIC Code | Industry title and description (S=Specialization ratio; C=Coverage ratio) | |
|----------|---|--|
| 26 | PAPER AND ALLIED PRODUCTS | |
| | This major group includes the manufacture of pulps from wood and other cellulose fibers, and rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes, and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in industry 3291; carbon paper in industry 3955, and photosensitized and blueprint paper in industry 3861. | |
| 261 | PULP MILLS: | |
| 2611 | Pulp Mills (S-88; C-71).—Establishments primarily engaged in manufacturing pulp from wood or from other materials such as rags, linters, wastepaper, and straw. Logging camps operated by pulp mills, and not separately reported, are also included in this industry. Establishments primarily engaged in cutting pulpwood are classified in industry 2411; and pulp mills combined with paper mills or paperboard mills, and not separately reported, are classified with the latter in industries 2621 and 2631, respectively. | |
| | In both the 1963 and 1958 Censuses of Manufactures, pulp mills operated in conjunction with a paper and board mill at the same location were permitted to file a combined report for such integrated operations. However, in 1954 all pulp mill activity was separately reported whether or not such pulp mill operations were conducted at the same physical location as an associated paper or board mill. This change in treatment has the effect of restricting the reporting of a "pulp mill" for classification in industry 2611 in both the 1963 and 1958 censuses to the following situations: (a) those pulp mills which are not affiliated with any paper and board mills and ship all their products to the market; (b) pulp mills affiliated or associated with a primary paper or board mill but which are separately located from the pulp mill; and (c) a few pulp mills affiliated or associated with a primary paper or board mill at the same physical location, where separate departmental records of employment, materials, and fuel costs, shipments, etc., are maintained for the pulp mill from those covering the paper or board mill at that location and the company elected to file such a separate report. | |
| 262 | PAPER MILLS, EXCEPT BUILDING PAPER MILLS: | |
| 2621 | Paper Mills, Except Building Paper Mills (S-90; C-92).—Establishments primarily engaged in manufacturing paper (except building paper—industry 2661) from wood pulp and other fibers, and which may also manufacture converted paper products (confined almost exclusively to off-machine paper coating). Pulp mills combined with paper mills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted paper products from purchased paper stock are classified in Industry Group 264 or 265. | |
| 263 | PAPERBOARD MILLS: | |
| 2631 | Paperboard Mills (S-85; C-90).—Establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from wood pulp and other fibers; and which may also manufacture converted paperboard products (confined almost exclusively to pasted, lined, laminated or | |
| | surface-coated paperboard). Pulp mills combined with paperboard mills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted paperboard products from purchased paperboard are classified in Industry Group 264 or 265. | |
| 264 | CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES: | |
| 2641 | Paper Coating and Glazing (S-82; C-78).—Establishments primarily engaged in manufacturing coated, glazed or varnished paper from purchased paper. Establishments primarily engaged in coating paper on the paper machine are classified in industry 2621; those manufacturing carbon paper in industry 3955; and photographic and blueprint paper in industry 3861. | |
| | Principal products of this industry include: off-machine coated paper; oiled, waxed, and wax-laminated paper and wrappers; pressure sensitive tape; gummed products; and other coated and processed paper. | |
| 2642 | Envelopes (S-94; C-96).—Establishments primarily engaged in manufacturing envelopes of any description from purchased paper and paperboard. Establishments primarily engaged in manufacturing papereries (boxed stationery) are classified in industry 2649. | |
| 2643 | Bags, Except Textile Bags (S-86; C-88).—Establishment primarily engaged in manufacturing bags from purchased paper, cellophane, acetate, polyethylene, pliofilm, foil, and similar sheet or film materials. | |
| 2644 | Wallpaper (S-97; C-99).—Establishments primarily engaged in designing, printing, and embossing paper for interior walls, and ceilings. Establishments primarily engaged in manufacturing wall cloth from textile fabrics are classified in industry 2295. | |
| 2645 | Die Cut Paper and Paperboard and Cardboard (S-88; C-82).—Establishments primarily engaged in die cutting purchased paper and paperboard, and in manufacturing cardboard by laminating, lining, or surface coating paperboard. | |
| 2646 | Pressed and Molded Pulp Goods (S-99; C-96).—Establishments primarily engaged in manufacturing all kinds of pressed and molded pulp goods, including papier-mache articles other than statuary and art goods. | |
| 2647 | Sanitary Paper Products (S-93; C-97).—Establishments primarily engaged in manufacturing sanitary health products from purchased paper and paperboard. The principal products of this industry are sanitary napkins and tampons; facial tissues; table napkins, toilet paper, towels and wipes. This industry was not separately identified for 1958 in the SIC but was included in industry 2649. Comparable data for 1963 using the previous industry classification for industry 2649 are shown in tables 1 and 2 of the chapter for that industry. | |
| 2649 | Converted Paper and Paperboard Products, N.E.C. (S-84; C-78).—Establishments primarily engaged in manufacturing from purchased paper or paperboard miscellaneous converted paper or paperboard products, n.e.c. | |
| | The principal products of this industry are: stationery, tablets and related products; wrapping products such as gift wrap and creped wadding; patterns, busi- | |

ness machine supplies, tiled and laminated wallboard, unprinted tags and other miscellaneous paper and board products.

Sanitary paper products were transferred from this industry and established as a separate industry (2647) for 1963.

265 PAPERBOARD CONTAINERS AND BOXES:—There is a high degree of integration between industry 2631, and the various board converting industries, except industries 2652 and 2655, which rely principally on market purchases of paperboard. In industries 2651, 2653, and 2654, a substantial part of the converted paperboard is manufactured and converted by the same company, either at the same location or at separate locations.

2651 Folding Paperboard Boxes (S-85; C-88).—Establishments primarily engaged in manufacturing folding paperboard boxes from purchased paperboard.

2652 Set-Up Paperboard Boxes (S-91; C-87).—Establishments primarily engaged in manufacturing set-up paperboard boxes from purchased paperboard.

2653 Corrugated and Solid Fiber Boxes (S-97; C-96).—Establishments primarily engaged in manufacturing corrugated and solid fiber boxes and related products from purchased paperboard of fiber stock. Important products of this industry include corrugated and solid fiberboard boxes, pads, partitions, display items, pallets, single face products, and corrugated sheets.

2654 Sanitary Food Containers (S-92; C-92).—Establishments primarily engaged in manufacturing food containers from special food board. Important products of this industry include fluid milk containers; folding paraffined cartons for butter, margarine, and shortening; ice cream containers; frozen food containers; liquid tight containers; round nested food containers; paper cups for hot or cold drinks; and pails for food and ice cream.

2655 Fiber Cans, Tubes, Drums, and Similar Products (S-95; C-80).—Establishments primarily engaged in manufacturing fiber cans, cones, drums, and similar products with or without metal ends, from purchased materials; and vulcanized fiber boxes.

266 BUILDING PAPER AND BUILDING BOARD MILLS:
2661 Building Paper and Building Board Mills (S-97; C-88).—Establishments primarily engaged in manufacturing building paper and building board, except hard pressed wood fiberboard, from wood pulp and other fibrous materials. Mills producing hard pressed wood fiberboard are classified in industry 2499. In addition, insulation board mills which perform coating operations at their primary mill locations are classified in industry 2952. Pulp mills combined with building paper and building board mills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. As noted previously in connection with industry 2611, same physical location as paper or board were not required in either the 1963 or the 1958 Census of Manufactures to submit a separate report for the pulp mill operations. This reporting requirement had less effect on the general statistics of mills primarily engaged in producing building paper and board than on those producing paperboard and paper, except building paper.

27 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and

those establishments which perform services for the printing trade, such as book binding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, whether or not they do their own printing. News syndicates are classified in service industries, and textile printing and finishing in Major Group 22.

271 NEWSPAPERS: PUBLISHING, PUBLISHING AND PRINTING:

2711 Newspapers: Publishing, Publishing and Printing (S-96; C-100).—Establishments primarily engaged in publishing newspapers, or in publishing and printing newspapers. These establishments carry on the various operations necessary for issuing newspapers, including the gathering of news, and the preparation of editorials and advertisements, but may or may not perform their own printing. Commercial printing is frequently carried on by establishments engaged in publishing and printing newspapers, but even though the commercial printing may be of major importance such establishments are included in this industry.

Establishments not engaged in publishing newspapers, but which print or lithograph newspapers for publishers, are classified in industry 2751 or industry 2752. News syndicates are classified in service industries. Establishments primarily engaged in publishing shopping news are classified in industry 2741.

Publications have been classified as periodicals (industry 2721) rather than as newspapers if their news and editorial presentations are not typically directed to the public at large. Where the news is of general interest publications are considered periodicals if they are not the primary printed source of such news. Among the types of publications sometimes considered newspapers, but treated in the census as periodicals, are the following: trade journals; house organs, local church or school papers and like publications with very limited or specialized news treatment. Generally, publications issued by non-profit organizations (educational, religious, charitable, labor, business, professional, etc.) are classified as periodicals, as are magazine and comic supplements for Sunday newspapers.

272 PERIODICALS: PUBLISHING, PUBLISHING AND PRINTING:

2721 Periodicals: Publishing Publishing and Printing (S-89; C-96).—Establishments primarily engaged in publishing periodicals, or in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary for issuing periodicals, but may or may not perform their own printing. Establishments not engaged in publishing periodicals, but which print periodicals for publishers, are classified in industry 2751 or industry 2752.

Data on the periodical publishing activities of non-profit organizations (religious, educational, social, charitable, etc.) have been included to the extent that the employees of such organizations were covered under the Social Security System.

273 BOOKS:

2731 Books: Publishing, Publishing and Printing (S-93; C-88).—Establishments primarily engaged in publishing only, or in publishing and printing books and pamphlets. Establishments primarily engaged in printing, or in printing and binding (but not publishing) books and pamphlets are classified in industry 2732.

Industry 2731 also includes data on book publishing activities obtained from nonprofit organizations whose employees are covered under the Social Security

System and were able to report their book publishing operations as a separate establishment.

- 2732 Book Printing (S-78; C-69).—Establishments primarily engaged in printing only or in printing and binding books and pamphlets, but not in publishing. Establishments primarily engaged in publishing, or in publishing and printing books and pamphlets, are classified in industry 2731. Establishments engaged in both printing and binding books, but primarily binding books printed elsewhere, are classified in industry 2789.

Establishments classified in industry 2732 are similar in character to some establishments primarily engaged in commercial letterpress printing (industry 2751) and in commercial lithography (industry 2752). The distinction is that the establishments classified in industry 2732 derive the greater part of their revenue from printing books and pamphlets, while such operations are secondary activities for establishments classified in industries 2751 and 2752.

274 MISCELLANEOUS PUBLISHING:

- 2741 Miscellaneous Publishing (S-92; C-84).—Establishments primarily engaged in miscellaneous publishing activities, n.e.c., whether or not engaged in printing. Establishments primarily engaged in offering financial, credit, or other business services and which may publish directories as part of this service are not included in this industry but are classified in service industries.

This industry comprises establishments primarily engaged in publishing such products as maps, atlases, sheet music, directories, almanacs, catalogs, globe covers, racing forms, and shipping news or engaged in miscellaneous publishing activities, n.e.c., whether or not engaged in printing. Establishments primarily engaged in printing such products and not engaged in publishing are classified in industry 2751, or industry 2752, depending on the primary printing process employed. Establishments primarily engaged in publishing greeting cards are classified in industry 2771.

275 COMMERCIAL PRINTING:

- 2751 Commercial Printing, Except Lithographic (S-86; C-79).—Establishments primarily engaged in commercial or job printing, except lithographic. This industry includes general printing shops, as well as shops specializing in printing newspapers and periodicals for others, and those which specialize in gravure, rotogravure, and screen process printing. Establishments primarily engaged in printing books, without publishing, are classified in industry 2732, and greeting cards in industry 2771. Establishments primarily engaged in printing from lithographic plates are classified in industry 2752.
- 2752 Commercial Printing, Lithographic (S-80; C-82).—Establishments primarily engaged in printing by the lithographic process. The greater part of the work in this industry is performed on a job or custom basis; but in some cases lithographed calendars, maps, posters, decalcomanias, etc., are made for sale.

Offset printing, photo-offset printing, and photolithography are also included in this industry. Establishments primarily engaged in lithographing books and pamphlets, without publishing, are classified in industry 2732, and greeting cards in industry 2771.

- 2753 Engraving and Plate Printing (S-89; C-79).—Establishments primarily engaged in engraving and etching steel, copper, wood, or rubber plates; in using these plates to print stationery, visiting and other cards, invitations, maps, etc.; and in making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is classified in industry 3479. Establishments primarily engaged in preparing photoengraved plates (halftones and linecuts) are classified in industry 2793.

276 MANIFOLD BUSINESS FORMS MANUFACTURING:

- 2761 Manifold Business Forms Manufacturing (S-90; C-91).—Establishments primarily engaged in designing and printing, by any process, special forms for use in the operation of a business, in single and multiple sets, including carbonized or interleaved with carbon or otherwise processed for multiple reproduction. The principal types of manifold business forms are continuous, unit-set, and salesbooks.

277 GREETING CARD MANUFACTURING:

- 2771 Greeting Card Manufacturing (S-92; C-96).—Establishments primarily engaged in designing only, manufacturing only, or designing and manufacturing greeting cards for all occasions. These products may be printed, lithographed, etched, or otherwise processed.

278 BOOKBINDING AND RELATED INDUSTRIES:

- 2782 Blankbooks; Loose Leaf Binders and Devices (S-88; C-88).—Establishments primarily engaged in manufacturing blankbooks, loose leaf devices, and library binders.
- 2789 Bookbinding, and Miscellaneous Related Work (S-95; C-83).—Establishments primarily engaged in edition, trade, job, and library bookbinding; in book or paper bronzing, gilding, and edging; in map and sample mounting; and other services related to bookbinding. Establishments primarily binding books printed elsewhere are classified in this industry, but those primarily binding books printed in the same establishment are classified in Industry Group 273.

279 SERVICE INDUSTRIES FOR THE PRINTING TRADE:

- 2791 Typesetting (S-95; C-90).—Establishments primarily engaged in machine and hand typesetting for the trade, and in advertising typography.
- 2793 Photoengraving (S-95; C-91).—Establishments primarily engaged in preparing photoengraved plates (halftones and linecuts). These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.
- 2794 Electrotyping and Stereotyping (S-87; C-86).—Establishments primarily engaged in preparing electrototype and stereotype plates. These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

Appendix 2.—Explanatory Notes

CLASSIFICATION

The SIC

Data in this volume are classified within the framework of the Bureau of the *Budget Standard Industrial Classification* (SIC) of 1957. The purpose of the SIC is to provide a means for classifying establishments according to their primary activities, for the purpose of collection, tabulation, presentation and analyses of data relating to establishments.

The SIC identifies four-digit manufacturing industry codes in the following manner:

1. The first two digits identify the general type of activity,
e.g., The code 26 refers to the manufacture of "Paper and Allied Products"
2. The third digit identifies a subgroup within the general type of activity,
e.g., 265 represents "Paperboard Containers and Boxes"
3. The fourth digit identifies a specific industry within each subgroup,
e.g., 2651 "Folding Paperboard Boxes"
2652 "Set-up Paperboard Boxes"
2654 "Sanitary Food Containers"

In the *Annual Survey and Census of Manufactures*, each manufacturing establishment is assigned a four-digit code which reflects the primary activity of that establishment. Data collected in these surveys can then be tabulated at the 2-, 3-, or 4-digit levels of the SIC depending on the type of information to be shown. In this publication, table 1 of Section I and tables 1 and 2 of Section II show data at the two-digit level. Tables 2-5 of Section I and 3, 4, and 5 in Section II present data at the four-digit level of the SIC. In all these cases, the data shown represent totals for establishments classified with the same SIC code (i.e., the same first two digits or the same four digits).

Product Classes

To provide more detailed information on product shipments, the Census Bureau has added a fifth digit to the four-digit SIC code described above. Continuing the above example, within the four-digit industry classification "Sanitary Food Containers" (SIC 2654) the Census Bureau has developed a series of product classes such as:

- 26541 "Milk and Other Beverage Cartons"
- 26542 "Cups and Liquid-Tight Food Containers"
- 2653 "Other Sanitary Food Containers"

The data in tables 6 and 7 of Section I and tables 6-8 of Section II are reported, with some modifications, on the basis of the five-digit product class codes. It is essential to note that the product class codes differ from the SIC, in that their purpose is not to classify establishments but rather to classify groups of products. The codes assigned to these product classes are based on the industries to which they are primary.

Data reported on a product-class basis reflect the total shipments of products (wherever made), rather than the characteristics of establishments that are primarily engaged in making those products.

Modification of Product Class Codes

In table 7 of Section I and table 6 of Section II certain modifications have been made in the product classes developed by the Census Bureau; in order to:

1. Adjust for changes in product class definitions since 1958, and
2. Adjust for the fact that similar products are produced in and are defined as primary to more than one industry.

The first type of adjustment was made in those cases where more detailed product classes have been established since 1958. In this publication, the data for the new product classes have been combined, in order to present comparable data since 1958 rather than for just 1965 and 1966. A five-digit code ending in "A," "B," or "C" identifies this type of combination.

The second type of adjustment was made in those cases where the same product class is primary to more than one industry. This combined total is shown in the four-digit product group in which the largest proportion of the total is produced. A five-digit code ending in "U," "V," "W," "X," "Y," or "Z" identifies this type of combination. For the other product classes included, the original code is shown; a double dash (-) is shown in the data fields and the reader is referred to the appropriate combination.

As a result of the adjustment made for products being classified as primary to more than one industry, data are not shown for those four-digit product groups which include one or more of these product classes.

These two types of modifications have been carried out in order to present comparable data for

all years, 1958 to 1966, and to show data, to the greatest degree possible, on a wherever made basis.

DEFINITIONS

General Statistics

The so-called general statistics refer to the basic statistical series on number of establishments, number of companies, employment, payroll, production workers, wages, man-hours, value added, value of shipments and capital expenditures, that are tabulated on the two-digit and four-digit SIC level in this publication. As mentioned above, these series are developed by aggregating data for establishments that engage primarily in the same types of activities. The following definitions of terms, used in reporting general statistics, apply to data shown in tables 1-5 of Section I and tables 1-5 of Section II.

Number of establishments: The total number of establishments that are classified with the same SIC code, whether at the two-, or four-digit level of the SIC.

Number of companies: The total number of companies with at least one establishment classified in a given SIC code (reported at the four-digit level only).

Total employment: All full-time and part-time employees on the payrolls of operating manufacturing establishments who worked or received pay for any part of the pay period ended nearest the 15th of selected months. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. All plant employees, including plant officials, are included except proprietors and partners of unincorporated firms.

Total employment generally consists for "production workers" of an average of four monthly figures for March, May, August, and November plus for "all other employees" the mid-March figure.

Production workers: All workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plants' own use (e.g., power plant) record keeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level are excluded from this category.

All other employees: This figure can be derived by subtracting production workers from total employment. Nonproduction personnel of the manufacturing establishment, including those engaged

in the following activities: Factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.); professional, and technical. Also included are employees on the payroll of the manufacturing establishment who are engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

Payroll: This total represents gross wages and salaries paid in the calendar year to all employees on the payroll of operating manufacturing establishments, following the definition of payrolls used for calculating the Federal withholding tax. Included are all forms of compensation, such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deduction as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor of partners, if an unincorporated concern. Also excluded are payments to members of the Armed Forces and pensioners carried on the active payrolls of manufacturing establishments.

Production worker man-hours: All plant man-hours of production workers as defined above, represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours). The total excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported.

Wages: Gross earnings paid in the calendar year to all production workers on the payrolls of operating manufacturing establishments.

Value of shipments: Dollar amounts of the received or receivable net selling values, f.o.b. plant, after discounts and allowances, and excluding freight charges and excise taxes. However, where the products of an industry are customarily delivered by the manufacturing establishment (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered prices of the goods.

Value of production data rather than shipments are collected in several instances where value of shipments does not provide a good measure of activity, and where information regarding the value of production is readily reportable. For certain large lead time products (e.g., aircraft) value of work done is substituted.

The value of shipments shown for a product class may differ from the value of production of that

class because of inventory changes during the year. In addition, the shipments data do not reflect the output of products produced and used for further processing in the same plant.

Included in value of shipments are: All items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment; receipts for contract work; and receipts for such miscellaneous activities as sale of scrap and refuse, installation work by plant employees, research and development, and repair work. The net selling value of products made in one plant on a contract basis from materials owned by others was reported by the plant providing the materials. The value of products bought and re-sold without further processing (merchandising) was reported separately and is included in the value of shipments totals for each industry, but are not included in product class totals.

For multi-unit companies, the value of products transferred to other establishments of the same company (i.e., other manufacturing plants, separate sales branches, or retail stores) was tabulated as though each establishment were a separate economic unit. Included in "value of interplant transfers within the company" are not only the direct costs of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

Value added: This measure is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments of products manufactured plus receipts for services rendered. The result of this calculation is then adjusted by the addition of value added by merchandising operations (that is the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process inventories between the beginning and end of the year.

"Value added" avoids the duplication in the "value of shipments" figure which results from the use of products of some establishments as materials by others. Consequently, it is useful for comparing the relative economic contribution of the manufacturing process among industries and geographic areas.

Capital expenditures: For establishments in operation and establishments under construction but not yet in operation, these data include expenditures for (a) permanent additions and major alterations to manufacturing establishments, and (b) new machinery and equipment used for replacement purposes and additions to plant capacity, if these are of the type for which depreciation accounts are ordinarily maintained.

These totals exclude that portion of expenditures for new facilities and equipment leased from non-manufacturing concerns, new facilities owned by the Federal Government but operated under con-

tract by private companies, and plant and equipment furnished to the manufacturer by communities and organizations. Expenditures for used plant and equipment, expenditures for land, and costs of maintenance and repairs charged as current operating expense are also omitted.

Ratios

A number of ratios have been computed based on the general statistics on industries. The following definitions of ratios apply to table 1 in Section I and tables 1 and 4 in Section II:

Value added as percent of shipments: Computed by dividing "value of shipments" into "value added." The resulting percentage shows the new production contribution of an industry to its value of shipments. The complement of that percentage (100.0 minus the percentage), which is not shown, would be an approximation of the importance of the cost of materials of the industry.

Payroll per employee: Computed by dividing "total employment" into "payroll." The resulting dollar figure is a measure of the average annual payroll of employees in an industry. It should be noted that "payroll" is an actual record of the amount of money paid to employees in a given year, while "total employment" is an estimate based on four months' data for that year.

Wages per production worker: Computed by dividing "production workers" into "wages." It is a measure of the annual wages of wage earners in an industry. As in the case of "payroll per employee," it should be noted that the dollar figure, for "wages" is an actual record of amount paid, while "production workers" is estimated by averaging data for four months of the year.

Value of shipments per production worker: Computed by dividing "production workers" into "value of shipments." It is important to note that the "value of shipments" may be affected by several factors, such as cost of materials and the importance of receipts and payments for contract work, which have little or no relationship to the number of production workers.

Value added per production worker: Computed by dividing "production workers" into "value added." Since there are fewer factors in "value added" than in "value of shipments" that are unrelated to the number of production workers, this measure permits better comparisons of average net contributions of the production process per production worker among industries, areas, and establishments. This ratio does not express the contribution of each production worker to the manufacturing process exclusive of the contribution of the other factors of production but rather expresses a numerical measure of the relationship between the two parameters.

Value added per dollar of wages: Computed by dividing "wages" into "value added." The resulting ratio measures the relative importance of

"wages" to net contribution of the whole manufacturing process to dollars of wages paid to the labor factor of production.

Wages per production worker man-hour: Computed by dividing "man-hours" into "wages." The resulting dollar figure is a rough measure of average hourly earnings. It is not a measure of the wage rate since "wages" includes premium payments for overtime as well as vacation and sick leave pay, bonuses, etc.

Annual man-hours per production worker: Computed by dividing "production workers" into "man-hours."

In table 2 of Section II, two ratios have been computed. The ratios relate average capital expenditures (1963-65) to averages for the other two parameters—value added and production workers. The *average annual* capital expenditures is divided by *average annual* value added in the first ratio and divided by *average annual* production worker employment for 1963-65 in the second. Averages were used in calculating ratios because capital expenditures tend to be highly variable on an annual basis.

Product Class Statistics

Data are available on domestic shipments, imports and exports by five-digit product class. The following definitions of terms refer to product class data reported in tables 6 and 7 in Section I and tables 6-8 in Section II.

Value of shipments: On a "product" basis represents the total value of shipments of classes of products, wherever made. They include not only shipments of these products by the industry in which they are primary, but also shipments as secondary products, by establishments in other manufacturing industries.

Dollar amounts shown are the received or receivable net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. However, where the products are customarily delivered by the manufacturing establishment (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered price of goods. As mentioned in an earlier section, value of production is reported in several areas where value of shipments does not provide a good measure of activity.

There is a *very important* distinction between the industry and product value of shipments. This distinction is reflected at the four-digit level in industry tables (2 and 4 in Section I, 4 in Section II) and in product class tables (6 in Section I, 6 in Section II). For example, 1966 values of shipments for "Greeting Card Manufacturing" (SIC 2771) are shown in table 4 of Section II as \$460 million while in table 6 of that same section shipments appear as \$411 million. The difference is accounted for by the fact that the industry shipments are based on total shipments of establishments classified in

an industry and therefore include not only shipments of primary products of that industry, but also shipments of other products and other receipts from contract work resales, etc. The product shipments represent only shipments of primary products, including those made by establishments not in the industry to which the products are primary.

Imports: The dollar value shown for imports is defined ordinarily as the market value in the foreign country and excludes U.S. import duties, transportation, insurance and similar costs. In some cases, imports may be valued at the "American Selling Price." In practice, only the values reported for imports subject to an ad valorem rate of duty (approximately 10 to 15% of U.S. imports) tend to conform to this definition. For other imports, the reported values may inadvertently include ocean freight or related costs.

Exports: The dollar value of exports is defined at the point of exportation. Included are the selling price, or cost if not sold, and expenditures for freight, insurance, and other costs to the exportation point.

SOURCES AND LIMITATIONS OF DATA

Sources

The statistical data in this publication are derived directly or indirectly from various Bureau of the Census publications.

All tables, except Section II, tables 7 and 8 are derived from the *Censuses of Manufactures* for 1958 and 1963 the *Annual Survey of Manufactures* for 1959-62 and 1964-66.

Imports and exports shown in tables 7 and 8 of Section II are taken directly from a Census Bureau publication titled, *U.S. Commodity Exports and Imports as Related to Output*.

Methods of Compilation

Most of the data were collected as part of the *Census of Manufactures* and *Annual Survey of Manufactures* programs. Data for 1958 and 1963, except foreign trade data, are based on reports covering all manufacturing establishments, and represent, therefore, the most accurate across-the-board information available on U.S. manufacturing activity. Data for 1959-62 and 1964-66 are estimates based upon reports received from a probability sample of all manufacturing establishments. The estimates obtained from the sample will vary from the totals that would have been obtained from a complete canvass of all manufacturing establishments. The relative magnitude of the sampling variation is indicated in the *Annual Survey of Manufactures* publications under the caption "standard error of estimate." These standard errors are not shown in this report. However, where the standard error of estimate is 15% or more for

industry data, the figures are indicated as not available (n.a.) and in the case of product classes an asterisk (*) preceding the data is used to identify years in which the standard error is 15% or more.

In using the time series on industries or product classes, it is important to note that both the data in any given year other than 1958 or 1963 as well as the year-to-year changes will be influenced in part by sampling variability.

Import and export data may be affected in some commodity areas by the fact that low valuation transactions are not included. Commodity information is not collected for individual import and export shipments valued under \$100 or for imports on informal entries. Informal entries, by definition, contain only items valued at not more than \$250. This does not seriously understate the published data.

Another problem with foreign trade data arises from the fact that in many cases the classification and valuation of products to be imported or exported is done basically by the importer, exporter, or designated representatives. Inaccuracies, particularly with respect to export data, may occur through errors in classification.

Price Changes

In using time series based on dollar valuation, it should be remembered that none of the data have been adjusted for changes in prices. Therefore, the real growth in shipments of a given item during any period may be understated or overstated relative to other products or items.

Changes in Product Mix

Although the classification of industry and product statistics presented in this publication changed little during the period covered, there were some substantial shifts in the relative importance of products within industries or product classes. The characteristics of any industry may have changed substantially during the 1958-66 period as a result of such changes in the product mix. Related changes in types of processes or materials used may also significantly affect the meaningful comparison of an industry or product class over time. For analysis of changes in product mix, data on individual products are available on a continuing basis for many products from the *Current Industrial Reports* series of the Bureau of the Census and for all products in years for which a complete *Census of Manufactures* is conducted.

Duplication in Shipments Data

The value of shipments data shown in this publication may contain extensive duplication, particularly at the two-digit SIC level. This occurs because the shipments of one four-digit industry (e.g., flour) become the "materials" of another four-digit industry (e.g., bakeries). At the two-digit SIC level the value of shipments of the flour is counted twice. This problem also occurs at the four-digit SIC and five-digit product class levels to a lesser extent. For example, when equipment and its component parts are classified as a unit, shipments of the parts by parts manufacturers to equipment manufacturers would be double-counted.

Growth Rankings

Tables 4, 6, and 7 of Section I present rankings of industries and product classes based on the growth in value of shipments between 1958 and 1966. These rankings should be used with caution for several reasons already mentioned, including sampling errors, price changes, etc. In addition, it should be noted that the rankings are not complete, because 1958 data were not available in some cases. For example, some of the rapidly growing plastics products are excluded from tables 6 and 7 in Section I for this reason.

Comparing Exports, Imports, and Shipments

Caution should be used in comparing product class shipments with imports and/or exports reported in tables 6-8 of Section II. As mentioned earlier, the methods of valuation used are substantially different. Shipments are valued at f.o.b. plant, exports at f.o.b. port of exportation, and imports at f.o.b. foreign port of exportation. Other reasons for using caution in comparing shipments, exports and imports include:

- a. shipments as described above may include duplication that would overstate their value in relation to exports or imports.
- b. shipments in some areas are classified in not-specified-by-kind classes which can therefore understate shipments in other areas.
- c. shipments are subject to sampling variability in non-Census years and imports and particularly exports may be subject to error due to reporting procedures used.
- d. used commodities are included in exports and imports thereby slightly overstating these data relative to shipments.

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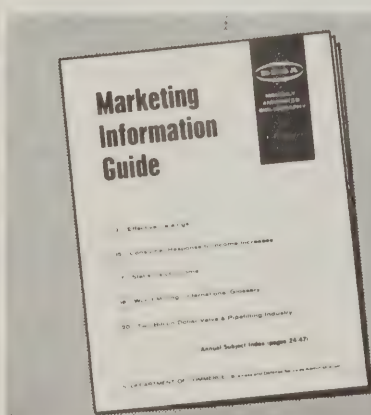
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INDUSTRY TREND SERIES 5

U.S. DEPARTMENT OF COMMERCE
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**BUSINESS AND DEFENSE SERVICES
ADMINISTRATION**

APRIL 1969

Foreword

Metal and Fabricated Metal Products Manufacturing presents a statistical picture of economic developments in the primary metal and fabricated metal products industries, and some comparable data for other manufacturing industries, for the period 1958 to 1966. Data are from the Bureau of the Census.

The publication consists of: A descriptive introduction covering each of the two industry groups; two series of tables presenting basic statistical data for these industries; and an appendix that provides detailed descriptions of industries covered and explanatory notes on the sources and use of the data. The statistical data are presented in two parts. Section I data show the size and growth of the primary metal and fabricated metal products industries in relation to all manufacturing and to the largest and fastest growing manufacturing industries. Section II provides more detailed profiles of primary metal and fabricated metal products manufacturing, including data on geographic distribution, product shipments and growth rates, and foreign trade.

The Office of Industrial Analysis and Business Programs under Davis A. Portner, Assistant Administrator, BDSA, and Thomas E. Murphy, Program Assistant, was responsible for the overall planning and preparation of the volume. Narrative and statistical materials were prepared under the supervision of David N. Cohen, Director; Richard Heimlich, Gloria Dickson, and Dorothy Wagner of the Statistical Operations and Analysis Staff, and Jill Kugler of the Outlook and Business Briefing Reports Staff, with the cooperation of the Automatic Data Processing Division under Raymond J. Long, Director, Robert Kraft, and Frank Jaffe of Automatic Data Processing Division.

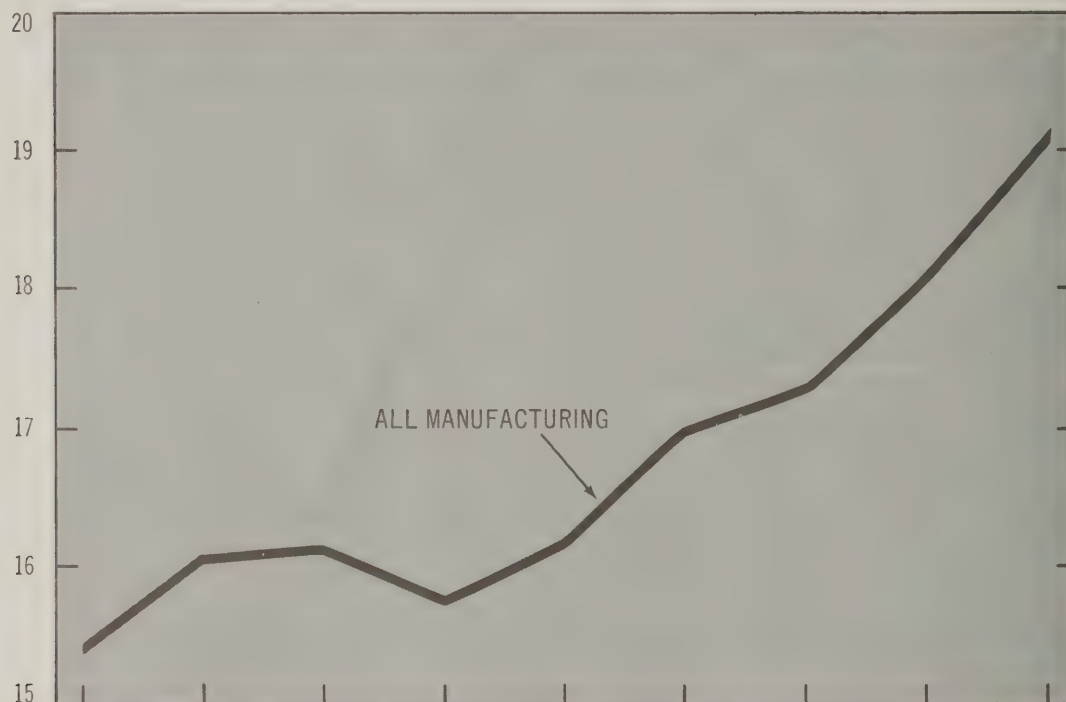
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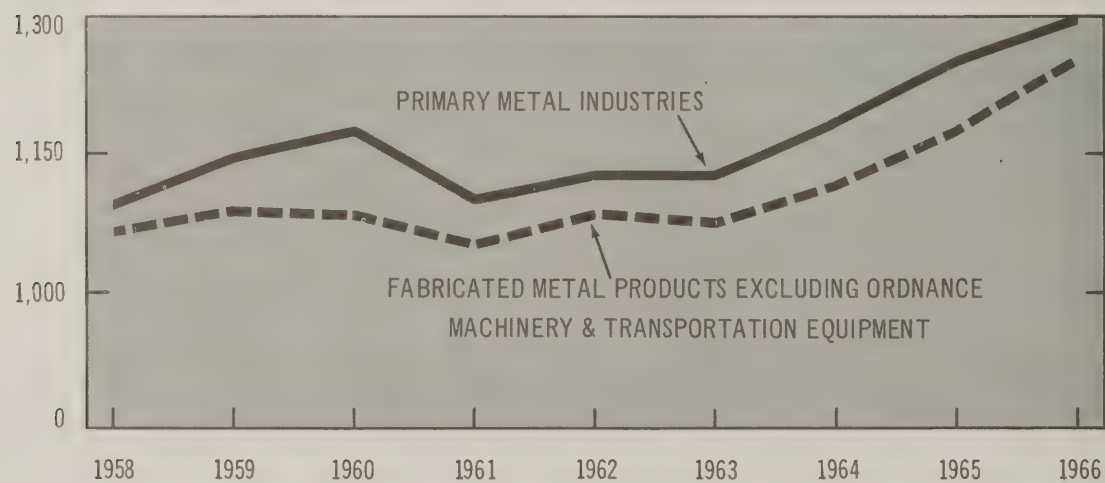
EMPLOYMENT IN ALL MANUFACTURING

Primary Metal and Fabricated Metal Products 1958-1966

Number of Employees (Millions)



Number of Employees (Thousand)



TRENDS IN THE METAL AND FABRICATED METAL INDUSTRIES

Primary Metal Industries¹

Place in the Economy

Primary metal industries' shipments, which amounted to 9 percent of the value of shipments of all manufacturing in 1966, grew at a rate slightly higher than that posted by all manufacturing during the period from 1958 to 1966. Value of shipments by primary metal industries increased 81 percent, while value of shipments by all manufacturing gained 60 percent. Primary metals also posted slightly higher gains in value added during this 8-year period, with an increase of 81 percent as opposed to the 78 percent increase in value added by all manufacturing. However, employment in the primary metal industries increased only 19 percent in the 1958-66 period, a rate below the 24 percent employment increase for all manufacturing. In 1966, the primary metal industries provided over 6 percent of all factory jobs and 8 percent of value added by all manufacturing.

The blast furnaces and steel mills industry accounted for more than two-fifths of all primary metals shipments in both 1958 and 1966. Production of steel as well as a number of other metals, such as copper, lead, and zinc, generally moves with the economy, subject to cyclical swings caused by its dependence on heavy industrial goods for major markets. Producers of these metals have been emphasizing research and development in order to meet growing competition in their markets from materials such as plastics and aluminum.

Inroads into markets for some of the older metals and new end-product development boosted the demand for other metals in the 1958 through 1966 period. Shipments of aluminum products doubled, as aluminum became increasingly important in automobile and appliance manufacturing, construction, and other industries. Increased production of aircraft also boosted aluminum growth.

Developments in the electronics industry, such as growth of transistors and integrated circuit packages, resulted in expansion of selenium and silicon shipments. Applications of metals, such as beryllium, molybdenum, nickel, and titanium, separately or in ferrous and non-ferrous alloys, expanded also as a result of new product development.

Capital expenditures by the primary metal industries increased 79 percent from 1958 through

1966, while those by all manufacturing industries increased 123 percent. The blast furnaces and steel mills industry, the second largest manufacturing industry in the U.S. in terms of value of shipments and employment, showed an increase in capital expenditures of only 66 percent during that period. The most significant increases in capital expenditures were in the primary and secondary non-ferrous metal areas. Several of these non-ferrous metals were among those whose applications were in development stages during the 8-year period.

The Federal Government has an impact on metal industries through tariffs, defense and mobilization needs, and fiscal and monetary policies. A significant factor in the Government's influence has been the acquisition and disposal of stockpiles, the purpose of which is to build up a reserve of important materials for use in national emergencies.

Geographic Concentration

The location of the primary metal industries is influenced by a number of factors, such as proximity to mineral deposits, accessibility to imported materials, availability of electric power, and vicinity to industrial markets. The heaviest concentration in terms of employment and value added, is in the Northeast and North Central regions. Pennsylvania and Ohio were the most important primary metal producing States in 1965.

Foreign Trade

Primary metal product imports are substantially higher than exports. Between 1959 and 1966, U.S. imports of metal products increased 103 percent to \$3 billion. Imports amounted to about 6 percent of the value of apparent consumption of primary metal products in 1966. The most significant import items in terms of value are blast furnace, steel mill, and electrometallurgical products, the value of which grew 135 percent during that period.

Exports of primary metal products in 1966 were nearly double the 1959 level. Blast furnace, steel mill, and electrometallurgical products are the most important export items, seconded by copper smelting and refining products.

¹The primary metal industries (SIC Major Group 33) encompass a broad range of metal processing establishments including blast furnaces, steel furnaces, smelters and refiners of nonferrous metals, rolling and drawing mills, and manufacturers of castings and forgings and other basic products of ferrous and nonferrous metals. Please refer to Appendix 1 for more detailed industry definitions.

Fabricated Metal Products²

Although several segments of the fabricated metal products industry showed sizable gains, the industry group grew at the slowest rate of all manufacturing industries between 1958 and 1966. Value added increased 67 percent, while value added by all manufacturing industries rose 78 percent. Similarly, employment in fabricated metal products industries increased 18 percent, a lower rate than the 24 percent increase in all manufacturing employment during this 8-year period. In 1966, fabricated metal industries provided 6½ percent of all factory jobs and 6 percent of the total value added by all manufacturing industries.

Fabricated metal products shipments are sensitive to cyclical swings in construction, as building materials average about one-third of fabricated metal products shipments. Fabricated structure steel, plumbing fixtures, metal doors, sash and trim, and electric heating equipment shipments shared in the building boom that took place between 1962 and 1966.

Metal stampings and metal cans also contributed significantly to fabricated metal products ship-

ments during the 1958 to 1966 period. Shipments of metal stampings, amounting to 12 percent of all fabricated metal products shipments in 1966, are closely related to activity in the motor vehicle and appliance industries. Metal can shipments, which grew only 44 percent between 1958 and 1966, amounted to 8 percent of fabricated metal products shipments in 1966. Producers of metal cans faced sharp market competition from producers of containers made from other materials--plastics and glass--during that period.

Foreign Trade

The value of exports of fabricated metal products was more than twice the value of imports between 1959 and 1966. Major import items in 1966 were standard industrial fasteners, fabricated wire products, valves and pipe fittings, and cutlery. Metal stampings amounted to nearly 20 percent of fabricated metal products exports valued at \$1 billion in 1966.

Description of Tables

Section I.--Comparison With All Manufacturing

This section presents data that permit comparison of the primary metals and fabricated metal products industries with all manufacturing and with other manufacturing areas. There are seven tables.

Table I-1 presents general profiles of all manufacturing and of the two industry groups, SIC 33 and SIC 34 for the period 1958 to 1966. The table shows 13 basic data series related to employment, payrolls, man-hours, value added by manufacture, capital expenditures and selected averages and ratios.

Tables I-2 and I-3, respectively, show the 50 largest industries in terms of shipments and employment in 1966. Tables I-4 and I-5, respectively, show the 50 fastest-growing industries between 1958 and 1966 in terms of shipments and employment. Primary metals and fabricated metal products industries are underscored in each table. The value of shipments used in table I-4 for computing growth ratios between 1958 and 1966 is not adjusted for changes in prices and product mix. Industries that have experienced decreases or rapid increases in prices during this period may be substantially under- or over-stated in terms of

their growth relative to other industries. Also, data for industries that have undergone substantial changes in product mix due to technological changes, materials substitutions or similar factors, may be somewhat distorted.

Tables I-6 and I-7 trace product shipments for the 100 fastest-growing product groups and the 200 fastest-growing product classes, respectively. Once again, primary metals and fabricated metal products are underscored. The product groups and classes are ranked according to 1966/1968 growth ratios. As with the industry growth ratios described above, the growth ratios shown for product shipments have not been adjusted for changes in price or product mix. Also, certain adjustments have been made in order to derive comparable data for the 9-year period. For cases in which more detailed product classes have been broken out only in recent years, the data are shown on a total basis. Another adjustment is made for products primary to more than one industry, so that product shipments will reflect total shipments of a product wherever made.

See Appendix 2 for a more detailed explanation of these adjustments and more detailed definitions of terms used in Section I.

² Fabricated metal products industries (SIC Major Group 34) includes establishments engaged in manufacturing metal products such as metal cans, hardware, structural metal products, and metal stampings. Ordnance, machinery, transportation equipment, scientific instruments, and jewelry are included in other SIC groups. Please refer to Appendix 1 for more detailed descriptions of the industries included in the fabricated metal products industries.

Section II.--Profiles of Metals and Fabricated Metal Products Manufacturing

This section presents detailed data on the primary metals and fabricated metal products industries.

Table II-1a presents primary metals industry group data by state for the years 1958 and 1963 through 1965. Shipments data have been excluded because of the duplication in counting resulting from intermediate shipments between industries. Table II-1b presents similar data for fabricated metal products manufacturers.

In table II-2a and table II-2b, capital expenditures and ratios relating capital expenditures to value added and to production workers are shown by State for the major industry groups 33 and 34. Data for 1958 and 1963, 1964, and 1965 are presented with totals shown for the 3-year period 1963-65.

Table II-3 shows the number of companies as well as the total number of establishments and those with 20 or more employees in the year 1963 for each four-digit industry.

Table II-4 presents general statistics and selected ratios for the four-digit industries included in major industry groups 33 and 34.

Table II-5 ranks all primary metals and fabricated metal products manufacturing industries by growth in value of shipments between 1958 and 1966. The same cautions given with respect to table I-4 should be heeded in using this table.

Table II-6 includes product shipments data and growth ratios for all four-digit product groups and five-digit product classes within the 33 and 34

groupings. The same limitations that applied to the product shipments data of Section I also apply here; growth ratios have not been adjusted for changes in price or product mix. And, as noted above and explained in Appendix 2, certain adjustments have been made in the groupings and classes to derive comparable data for the 9-year period.

Tables II-7 and II-8 cover import and export data for the two-digit industry groups and all four-digit product groups and five-digit product classes for which import and export data are available.

For more detailed explanations of terms and methods used in compiling Section II tables, refer to Appendix 2.

Symbols

The key to symbols used in the tables is as follows:

| | |
|--------|--|
| n.a. | Not available. |
| n.c. | Not computed. |
| n.s.k. | Not specified by kind. |
| n.e.c. | Not elsewhere classified. |
| * | Standard error of estimate of 15% or more. |
| ** | Data not shown because four-digit group includes one or more products primary to more than one industry. |
| -- | Data for this product class which is primary to more than one industry, have been aggregated with data for the other product classes with the same definition (see product description for reference). |
| Z | Less than \$500,000. |
| D | Withheld to avoid disclosure of individual company activities. |

Section I.--Comparison With All Manufacturing

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, METALS AND FABRICATED METAL PRODUCTS, 1958-66

| Year | ALL MANUFACTURING | | | | | | |
|-----------|-----------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 15,393.8 | 73,749.7 | 11,644.2 | 22,632.6 | 49,503.8 | 141,270.3 | 9,075.8 |
| 1959..... | 16,058.7 | 81,148.4 | 12,260.4 | 24,432.5 | 54,658.7 | 160,991.6 | 9,012.3 |
| 1960..... | 16,124.1 | 83,547.2 | 12,179.0 | 24,135.8 | 55,452.1 | 163,230.8 | 9,968.1 |
| 1961..... | 15,744.9 | 83,692.4 | 11,794.5 | 23,325.9 | 54,803.2 | 164,614.0 | 9,415.9 |
| 1962..... | 16,174.8 | 89,926.8 | 12,138.8 | 24,306.9 | 59,176.8 | 179,322.8 | 9,983.9 |
| 1963..... | 16,961.9 | 99,714.3 | 12,232.0 | 24,512.0 | 62,014.4 | 192,103.1 | 11,370.9 |
| 1964..... | 17,268.5 | 106,048.1 | 12,403.3 | 25,245.5 | 65,838.9 | 206,193.6 | 13,287.2 |
| 1965..... | 18,047.6 | 114,143.2 | 13,058.8 | 26,577.5 | 71,376.3 | 226,974.5 | 16,606.6 |
| 1966..... | 19,066.0 | 125,458.8 | 13,810.4 | 28,220.3 | 78,283.4 | 251,013.9 | 20,234.3 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 4,791 | 4,251 | 12,132 | 2.854 | 2.187 | 1,944 |
| 1959..... | 5,053 | 4,458 | 13,131 | 2.945 | 2.237 | 1,993 |
| 1960..... | 5,182 | 4,553 | 13,403 | 2.944 | 2.298 | 1,982 |
| 1961..... | 5,316 | 4,646 | 13,957 | 3.004 | 2.349 | 1,978 |
| 1962..... | 5,560 | 4,875 | 14,773 | 3.030 | 2.435 | 2,002 |
| 1963..... | 5,879 | 5,070 | 15,705 | 3.098 | 2.530 | 2,004 |
| 1964..... | 6,141 | 5,308 | 16,624 | 3.132 | 2.608 | 2,035 |
| 1965..... | 6,325 | 5,466 | 17,381 | 3.180 | 2.686 | 2,035 |
| 1966..... | 6,580 | 5,668 | 18,176 | 3.206 | 2.774 | 2,043 |

| Year | PRIMARY METAL PRODUCTS, SIC 33 | | | | | | |
|-----------|--------------------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 1,091.9 | 6,280.5 | 882.9 | 1,670.0 | 4,695.8 | 11,542.2 | 1,543.7 |
| 1959..... | 1,143.6 | 7,057.4 | 947.0 | 1,830.1 | 5,354.0 | 13,577.6 | 1,076.0 |
| 1960..... | 1,174.5 | 7,214.8 | 956.9 | 1,836.5 | 5,424.3 | 13,283.3 | 1,615.4 |
| 1961..... | 1,099.8 | 7,059.5 | 890.9 | 1,723.1 | 5,271.0 | 12,758.5 | 1,222.4 |
| 1962..... | 1,128.1 | 7,482.3 | 917.1 | 1,795.5 | 5,657.8 | 13,677.9 | 1,158.7 |
| 1963..... | 1,127.2 | 7,736.9 | 922.9 | 1,840.7 | 5,930.6 | 14,951.2 | 1,446.4 |
| 1964..... | 1,180.5 | 8,487.9 | 973.4 | 1,994.4 | 6,577.6 | 16,692.4 | 1,886.0 |
| 1965..... | 1,250.3 | 9,237.6 | 1,025.6 | 2,105.4 | 7,176.4 | 18,924.4 | 2,257.0 |
| 1966..... | 1,296.5 | 9,913.5 | 1,065.7 | 2,191.8 | 7,650.3 | 20,907.9 | 2,767.7 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wage per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|--|--|
| 1958..... | 5,752 | 5,319 | 13,073 | 2.458 | 2.458 | 1,891 |
| 1959..... | 6,171 | 5,654 | 14,337 | 2.536 | 2.536 | 1,933 |
| 1960..... | 6,143 | 5,669 | 13,882 | 2.449 | 2.954 | 1,919 |
| 1961..... | 6,419 | 5,916 | 14,321 | 2.421 | 3.059 | 1,934 |
| 1962..... | 6,633 | 6,169 | 14,914 | 2.418 | 3.151 | 1,958 |
| 1963..... | 6,864 | 6,426 | 16,200 | 2.521 | 3.222 | 1,994 |
| 1964..... | 7,190 | 6,757 | 17,149 | 2.538 | 3.298 | 2,049 |
| 1965..... | 7,388 | 6,997 | 18,452 | 2.637 | 3.409 | 2,053 |
| 1966..... | 7,646 | 7,179 | 19,619 | 2.733 | 3.490 | 2,057 |

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, METALS AND FABRICATED METAL PRODUCTS, 1958-66--Con.

| Year | FABRICATED METAL PRODUCTS, SIC 34 | | | | | | |
|-----------|-----------------------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 1,060.5 | 5,425.3 | 814.5 | 1,608.6 | 3,733.9 | 9,439.8 | 436.6 |
| 1959..... | 1,088.6 | 5,805.3 | 842.9 | 1,713.8 | 4,004.2 | 10,487.6 | 504.8 |
| 1960..... | 1,086.2 | 5,888.6 | 835.5 | 1,699.3 | 4,038.3 | 10,330.5 | 483.5 |
| 1961..... | 1,050.2 | 5,810.2 | 802.5 | 1,628.6 | 3,953.2 | 10,290.6 | 416.4 |
| 1962..... | 1,084.3 | 6,233.5 | 833.7 | 1,717.0 | 4,283.3 | 11,127.8 | 529.7 |
| 1963..... | 1,078.5 | 6,352.1 | 840.5 | 1,713.8 | 4,461.3 | 11,695.8 | 596.9 |
| 1964..... | 1,115.9 | 6,852.9 | 869.4 | 1,794.8 | 4,802.7 | 12,692.9 | 726.8 |
| 1965..... | 1,172.8 | 7,411.0 | 914.1 | 1,900.4 | 5,179.6 | 14,164.0 | 805.2 |
| 1966..... | 1,252.3 | 8,244.9 | 984.1 | 2,077.0 | 5,762.4 | 15,791.9 | 936.2 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 5,116 | 4,584 | 11,590 | 2.528 | 2.321 | 1,975 |
| 1959..... | 5,333 | 4,751 | 12,442 | 2.619 | 2.336 | 2,033 |
| 1960..... | 5,421 | 4,833 | 12,364 | 2.558 | 2.376 | 2,034 |
| 1961..... | 5,532 | 4,926 | 12,823 | 2.603 | 2.427 | 2,029 |
| 1962..... | 5,749 | 5,138 | 13,347 | 2.598 | 2.495 | 2,059 |
| 1963..... | 5,890 | 5,308 | 13,915 | 2.622 | 2.603 | 2,039 |
| 1964..... | 6,141 | 5,524 | 14,600 | 2.643 | 2.676 | 2,064 |
| 1965..... | 6,319 | 5,666 | 15,495 | 2.735 | 2.726 | 2,079 |
| 1966..... | 6,584 | 5,856 | 16,047 | 2.741 | 2.774 | 2,111 |

Table I-2.--FIFTY LARGEST INDUSTRIES, RANKED BY 1966 VALUE OF SHIPMENTS*

| SIC code | Description | 1966 value of shipments (millions of dollars) |
|----------|---|--|
| 3717 | Motor Vehicles and Parts..... | 45,630 |
| 3312 | Blast Furnaces and Steel Mills..... | 21,193 |
| 2911 | Petroleum Refining..... | 18,742 |
| 2011 | Meat Packing Plants..... | 15,069 |
| 3721 | Aircraft..... | 9,000 |
| 3662 | Radio, TV Communication Equipment..... | 7,563 |
| 2026 | Fluid Milk..... | 7,435 |
| 2818 | Organic Chemicals, n.e.c..... | 6,541 |
| 275X | Commercial Printing Except Engraving..... | 5,994 |
| 2711 | Newspapers..... | 5,520 |
| 2051 | Bread and Related Products..... | 5,007 |
| 3571 | Computing and Related Machines..... | 4,833 |
| 2621 | Paper Mills, Except Building..... | 4,805 |
| 3079 | Plastics Products, n.e.c..... | 4,658 |
| 3722 | Aircraft Engines and Parts..... | 4,572 |
| 2042 | Prepared Animal Feeds..... | 4,438 |
| 2834 | Pharmaceutical Preparations..... | 4,432 |
| 3522 | Farm Machinery and Equipment..... | 4,332 |
| 3651 | Radio and TV Receiving Sets..... | 4,092 |
| 3679 | Electronic Components..... | 4,002 |
| 2819 | Inorganic Chemicals, n.e.c..... | 3,845 |
| 3729 | Aircraft Equipment, n.e.c..... | 3,781 |
| 3531 | Construction Machinery..... | 3,768 |
| 1925 | Complete Guided Missiles..... | 3,767 |
| 3461 | Metal Stampings..... | 3,756 |
| 3011 | Tires and Inner Tubes..... | 3,716 |
| 3357 | Nonferrous Wire Drawing, etc..... | 3,711 |
| 2211 | Weaving Mills, Cotton..... | 3,562 |
| 2821 | Plastics Materials and Resins..... | 3,533 |
| 2421 | Sawmills and Planing Mills..... | 3,391 |
| 3861 | Photographic Equipment..... | 3,286 |
| 2033 | Canned Fruits and Vegetables..... | 3,216 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 3,139 |
| 3352 | Aluminum Rolling and Drawing..... | 3,100 |
| 2850 | Paints and Allied Products..... | 2,970 |
| 282X | Man-Made Fibers..... | 2,916 |
| 2653 | Corrugated Shipping Containers..... | 2,891 |
| 3599 | Miscellaneous Machinery..... | 2,865 |
| 2111 | Cigarettes..... | 2,860 |
| 2631 | Paperboard Mills..... | 2,853 |
| 3351 | Copper Rolling and Drawing..... | 2,846 |
| 2015 | Poultry Dressing Plants..... | 2,754 |
| 2086 | Bottled and Canned Soft Drinks..... | 2,735 |
| 3321 | Gray Iron Foundries..... | 2,728 |
| 2721 | Periodicals..... | 2,718 |
| 3585 | Refrigeration Machinery..... | 2,713 |
| 2082 | Malt Liquors..... | 2,700 |
| 3141 | Footwear, Except Rubber..... | 2,650 |
| 3411 | Metal Cans..... | 2,631 |
| 3441 | Fabricated Structural Steel..... | 2,602 |

*Metals and fabricated metal products industries are underscored.

Table I-3.--FIFTY LARGEST INDUSTRIES, RANKED BY 1966 EMPLOYMENT*

| SIC code | Description | 1966 employment (thousands) |
|----------|---|-----------------------------|
| 3717 | Motor Vehicles and Parts..... | 799 |
| 3312 | Blast Furnaces and Steel Mills..... | 559 |
| 3662 | Radio, TV Communication Equipment..... | 377 |
| 3721 | Aircraft..... | 357 |
| 2711 | Newspapers..... | 333 |
| 275X | Commercial Printing Except Engraving..... | 326 |
| 3679 | Electronic Components..... | 234 |
| 2051 | Bread and Related Products..... | 232 |
| 3079 | Plastics Products, n.e.c..... | 224 |
| 2211 | Weaving Mills, Cotton..... | 209 |
| 3141 | Footwear, Except Rubber..... | 206 |
| 2421 | Sawmills and Planing Mills..... | 195 |
| 2335 | Dresses, Womens and Misses..... | 192 |
| 3729 | Aircraft Equipment, n.e.c..... | 190 |
| 3722 | Aircraft Engines and Parts..... | 188 |
| 2011 | Meat Packing Plants..... | 174 |
| 2026 | Fluid Milk..... | 169 |
| 3461 | Metal Stampings..... | 164 |
| 3599 | Miscellaneous Machinery..... | 164 |
| 1925 | Complete Guided Missiles..... | 164 |
| 2511 | Wood Furniture Not Upholstered..... | 160 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 144 |
| 3321 | Gray Iron Foundries..... | 141 |
| 3522 | Farm Machinery and Equipment..... | 137 |
| 3571 | Computing and Related Machines..... | 136 |
| 3731 | Ship Building and Repairing..... | 135 |
| 2621 | Paper Mills, Except Building..... | 135 |
| 2311 | Mens and Boys Suits and Coats..... | 134 |
| 3651 | Radio and TV Receiving Sets..... | 130 |
| 3531 | Construction Machinery..... | 121 |
| 3544 | Special Dies and Tools..... | 120 |
| 2086 | Bottled and Canned Soft Drinks..... | 118 |
| 2321 | Mens Dress Shirts and Nightwear..... | 113 |
| 3661 | Telephone Telegraph Apparatus..... | 113 |
| 3621 | Motors and Generators..... | 112 |
| 2911 | Petroleum Refining..... | 107 |
| 3429 | Hardware, n.e.c..... | 103 |
| 2221 | Weaving Mills, Synthetics..... | 103 |
| 2033 | Canned Fruits and Vegetables..... | 101 |
| 2834 | Pharmaceutical Preparations..... | 98 |
| 3441 | Fabricated Structural Steel..... | 97 |
| 225X | Hosiery..... | 96 |
| 2653 | Corrugated Shipping Containers..... | 96 |
| 2818 | Organic Chemicals, n.e.c..... | 96 |
| 2337 | Womens Suits, Coats and Skirts..... | 95 |
| 282X | Man-Made Fibers..... | 93 |
| 3011 | Tires and Inner Tubes..... | 93 |
| 3494 | Valves and Pipe Fittings..... | 92 |
| 2327 | Separate Trousers..... | 91 |
| 3443 | Boiler Shop Products..... | 91 |

*Metals and fabricated metal products industries are underscored.

Table I-4.--FIFTY FASTEST GROWING INDUSTRIES, RANKED BY 1958-66 SHIPMENTS GROWTH*

| SIC code | Title | Value of shipments (millions of dollars) | | Ratio 1966/1958 |
|-------------|--|---|-------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 138 | 803 | 5.80 |
| 3672 | Cathode Ray Picture Tubes..... | 159 | 812 | 5.10 |
| 3674 | Semiconductors..... | 250 | 1,124 | 4.49 |
| 3571 | Computing and Related Machines..... | 1,104 | 4,833 | 4.38 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c..... | 200 | 829 | 4.15 |
| 2272 | Tufted Carpets and Rugs..... | 318 | 1,206 | 3.80 |
| 1951 | Small Arms, 30 mm. and Under..... | 79 | 274 | 3.46 |
| 3679 | Electronic Components..... | 1,195 | 4,002 | 3.35 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 97 | 321 | 3.33 |
| 3831 | Optical Instruments and Lenses..... | 103 | 332 | 3.23 |
| 3392 | Nonferrous Forgings..... | 99 | 311 | 3.16 |
| 3742 | Railroad and Street Cars..... | 562 | 1,696 | 3.02 |
| 3537 | Industrial Trucks and Tractors..... | 369 | 792 | 2.94 |
| 3399 | Primary Metal Industries, n.e.c..... | 141 | 399 | 2.83 |
| 1961 | Small Arms Ammunition..... | 167 | 468 | 2.79 |
| 3841 | Surgical and Medical Instruments..... | 130 | 360 | 2.76 |
| 3861 | Photographic Equipment..... | 1,205 | 3,286 | 2.73 |
| 3953 | Marking Devices..... | 60 | 162 | 2.71 |
| 3541 | Metal-Cutting Machine Tools..... | 680 | 1,826 | 2.69 |
| 3662 | Radio, TV Communications Equipment..... | 2,853 | 7,563 | 2.65 |
| 3651 | Radio and TV Receiving Sets..... | 1,548 | 4,092 | 2.64 |
| 2262 | Finishing Plants, Synthetic..... | 211 | 550 | 2.61 |
| 2519 | Household Furniture, n.e.c..... | 31 | 78 | 2.55 |
| 3622 | Industrial Controls..... | 413 | 1,049 | 2.54 |
| 3357 | Nonferrous Wire Drawing, etc..... | 1,466 | 3,711 | 2.53 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 95 | 240 | 2.53 |
| 2282 | Throwing and Winding Mills..... | 175 | 438 | 2.51 |
| 3799 | Transportation Equipment, n.e.c..... | 93 | 232 | 2.50 |
| 3499 | Fabricated Metal Products, n.e.c..... | 340 | 850 | 2.50 |
| 3079 | Plastics Products, n.e.c..... | 1,868 | 4,658 | 2.49 |
| 2295 | Coated Fabric, Not Rubberized..... | 247 | 595 | 2.41 |
| 3545 | Machine Tool Accessories..... | 511 | 1,230 | 2.41 |
| 3479 | Metal Coating, Engraving, etc..... | 196 | 469 | 2.39 |
| 3715 | Truck Trailers..... | 335 | 796 | 2.38 |
| 3565 | Industrial Patterns..... | 98 | 233 | 2.37 |
| 3536 | Hoists, Cranes and Monorails..... | 185 | 437 | 2.37 |
| 3791 | Trailer Coaches..... | 461 | 1,089 | 2.36 |
| 3341 | Secondary Nonferrous Metals..... | 724 | 1,709 | 2.36 |
| 3351 | Copper Rolling and Drawing..... | 1,210 | 2,846 | 2.35 |
| 2256 | Knit Fabric Mills..... | 487 | 1,144 | 2.35 |
| 3713 | Truck and Bus Bodies..... | 308 | 719 | 2.33 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c.)..... | 245 | 571 | 2.33 |
| 2327 | Separate Trousers..... | 452 | 1,042 | 2.30 |
| 2844 | Toilet Preparations..... | 1,059 | 2,431 | 2.29 |
| 3542 | Metal-Forming Machine Tools..... | 318 | 728 | 2.29 |
| 3559 | Special Industry Machinery, n.e.c..... | 761 | 1,731 | 2.27 |
| 3572 | Typewriters..... | 238 | 534 | 2.24 |
| 3569 | General Industry Machinery, n.e.c..... | 458 | 1,024 | 2.23 |
| 3451 | Metal Coating, Engraving, etc..... | 425 | 949 | 2.23 |
| 3694 | Engine Electrical Equipment..... | 607 | 1,342 | 2.21 |

*Metals and fabricated metal products industries are underscored.

Table I-5.--FIFTY FASTEST GROWING INDUSTRIES, RANKED BY 1958-66 EMPLOYMENT GROWTH*

| Sic Code | Title | Total employment (thousands) | | Ratio 1966/1958 |
|----------|--|---------------------------------|------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 11 | 42 | 3.75 |
| 3674 | Semiconductors..... | 23 | 82 | 3.52 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c.. | 16 | 46 | 2.98 |
| 3672 | Cathode Ray Picture Tubes..... | 9 | 25 | 2.89 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 3 | 7 | 2.74 |
| 2272 | Tufted Carpets and Rugs..... | 12 | 28 | 2.45 |
| 3662 | Radio, TV Communications Equipment..... | 154 | 377 | 2.44 |
| 3831 | Optical Instruments and Lenses..... | 7 | 17 | 2.43 |
| 3679 | Electronic Components..... | 109 | 234 | 2.15 |
| 1961 | Small Arms Ammunition..... | 9 | 19 | 2.12 |
| 2519 | Household Furniture, n.e.c..... | 2 | 5 | 2.09 |
| 3791 | Trailer Coaches..... | 19 | 39 | 2.06 |
| 3392 | Nonferrous Forgings..... | 5 | 10 | 2.06 |
| 3799 | Transportation Equipment, n.e.c..... | 5 | 9 | 1.99 |
| 3651 | Radio and TV Receiving Sets..... | 67 | 130 | 1.96 |
| 3079 | Plastics Products, n.e.c..... | 116 | 224 | 1.93 |
| 1951 | Small Arms, 30 mm. and Under..... | 8 | 15 | 1.92 |
| 3499 | Fabricated Metal Products, n.e.c..... | 20 | 37 | 1.85 |
| 3399 | Primary Metal Industries, n.e.c..... | 10 | 18 | 1.83 |
| 3742 | Railroad and Street Cars..... | 24 | 44 | 1.80 |
| 3715 | Truck Trailers..... | 16 | 28 | 1.79 |
| 3537 | Industrial Trucks and Tractors..... | 15 | 26 | 1.78 |
| 2327 | Separate Trousers..... | 52 | 91 | 1.76 |
| 2256 | Knit Fabric Mills..... | 18 | 32 | 1.74 |
| 2295 | Coated Fabric, Not Rubberized..... | 10 | 18 | 1.74 |
| 3536 | Hoists, Cranes and Monorails..... | 10 | 16 | 1.73 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c.)..... | 12 | 20 | 1.73 |
| 3841 | Surgical and Medical Instruments..... | 10 | 18 | 1.71 |
| 3622 | Industrial Controls..... | 27 | 46 | 1.69 |
| 3571 | Computing and Related Machines..... | 81 | 136 | 1.68 |
| 2391 | Curtains and Draperies..... | 16 | 27 | 1.63 |
| 3699 | Electrical Products, n.e.c..... | 10 | 17 | 1.62 |
| 3479 | Metal Coating, Engraving, etc..... | 16 | 25 | 1.61 |
| 3953 | Marking Devices..... | 5 | 9 | 1.60 |
| 2843 | Surface Active Agents..... | 3 | 5 | 1.60 |
| 2892 | Explosives..... | 15 | 24 | 1.60 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 5 | 8 | 1.59 |
| 2399 | Textile Products, n.e.c..... | 18 | 28 | 1.58 |
| 3713 | Truck and Bus Bodies..... | 20 | 32 | 1.58 |
| 2037 | Frozen Fruits and Vegetables..... | 40 | 62 | 1.58 |
| 3497 | Metal Foil and Leaf..... | 4 | 5 | 1.56 |
| 2646 | Pressed and Molded Pulp Goods..... | 4 | 7 | 1.56 |
| 3931 | Musical Instruments and Parts..... | 16 | 25 | 1.56 |
| 3316 | Cold Finishing of Steel Shapes..... | 11 | 17 | 1.55 |
| 2339 | Womens Outerwear, n.e.c..... | 44 | 68 | 1.55 |
| 3872 | Watchcases..... | 3 | 4 | 1.54 |
| 2262 | Finishing Plants, Synthetic..... | 16 | 25 | 1.54 |
| 3635 | Household Vacuum Cleaners..... | 5 | 8 | 1.54 |
| 3634 | Electrical Housewares and Fans..... | 29 | 45 | 1.53 |
| 282X | Man-Made Fibers (Includes: 2823 Cellulosic Man-Made Fibers and 2824 Synthetic Organic Fibers, Except Cellulosic)... | 61 | 93 | 1.52 |

*Metals and fabricated metal products industries are underscored.

Table I-6.--ONE HUNDRED FASTEST GROWING PRODUCTS GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*

| Rank | Code | Class of Product | Shipments (\$ million) | | Ratio 1966/1958 |
|------|------|---|------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 3674 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 2 | 3672 | Cathode Ray Picture Tubes, Including Rebuilt Tubes.... | 177 | 774 | 4.37 |
| 3 | 3571 | Computing and Related Machines..... | 1,034 | 4,156 | 4.02 |
| 4 | 3679 | Electronic Components, n.e.c..... | 1,298 | 4,808 | 3.71 |
| 5 | 2272 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 6 | 3742 | Railroad and Street Cars..... | 529 | 1,658 | 3.14 |
| 7 | 3831 | Optical Instruments and Lenses..... | 115 | 361 | 3.12 |
| 8 | 3841 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 9 | 1961 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 10 | 1951 | Small Arms, 30 mm. and under..... | 86 | 247 | 2.88 |
| 11 | 3541 | Metal-Cutting Machine Tools..... | 587 | 1,639 | 2.79 |
| 12 | 3537 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 13 | 3399 | Primary Metal Products, n.e.c..... | 150 | 408 | 2.71 |
| 14 | 3715 | Truck Trailers..... | 284 | 770 | 2.71 |
| 15 | 3861 | Photographic Equipment..... | 1,061 | 2,831 | 2.67 |
| 16 | 3651 | Radio and TV Receiving Sets..... | 1,482 | 3,875 | 2.62 |
| 17 | 3799 | Transportation Equipment, n.e.c..... | 100 | 260 | 2.60 |
| 18 | 2824 | Noncellulosic Organic Fibers..... | 748 | 1,939 | 2.59 |
| 19 | 3351 | Copper Rolling and Drawing Products..... | 1,034 | 2,655 | 2.57 |
| 20 | 2282 | Thrown and Wound Yarns, Except Wool..... | 199 | 504 | 2.54 |
| 21 | 3499 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 22 | 3392 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 23 | 3497 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 24 | 3545 | Machine Tool Accessories..... | 470 | 1,177 | 2.50 |
| 25 | 3479 | Metal Coating, Engraving and Allied Services, n.e.c... | 184 | 447 | 2.43 |
| 26 | 3542 | Metal-Forming Machine Tools..... | 283 | 680 | 2.41 |
| 27 | 3552 | Textile Machinery..... | 322 | 776 | 2.41 |
| 28 | 1925 | Complete Guided Missiles..... | 1,887 | 4,509 | 2.39 |
| 29 | 2295 | Coated Fabric, not Rubberized..... | 245 | 582 | 2.37 |
| 30 | 2256 | Knit Fabrics..... | 462 | 1,092 | 2.36 |
| 31 | 3451 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 32 | 3559 | Special Industry Machines, n.e.c..... | 726 | 1,700 | 2.34 |
| 33 | 3953 | Hand Stamps, Stencils and Other Marking Devices..... | 59 | 137 | 2.33 |
| 34 | 3751 | Bicycles, Motorcycles, Motorbikes, Scooters, and Parts | 106 | 245 | 2.31 |
| 35 | 3361 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 36 | 3589 | Service Industry Machines, n.e.c..... | 222 | 510 | 2.30 |
| 37 | 3572 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 38 | 2844 | Toilet Preparations..... | 1,126 | 2,545 | 2.26 |
| 39 | 3713 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 40 | 2655 | Fiber Cans, Tubes, Drums, etc..... | 189 | 424 | 2.24 |
| 41 | 3622 | General Industry Power Circuit Devices and Controls... | 447 | 1,002 | 2.24 |
| 42 | 3717 | Motor Vehicles and Parts..... | 19,863 | 44,579 | 2.24 |
| 43 | 3322 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 44 | 3536 | Hoists, Cranes and Monorails..... | 166 | 360 | 2.18 |
| 45 | 3585 | Refrigeration Machinery..... | 1,435 | 3,130 | 2.18 |
| 46 | 3323 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 47 | 3693 | X-Ray Equipment, Including X-Ray Tubes and Electrotherapeutic Apparatus..... | 73 | 156 | 2.13 |
| 48 | 2761 | Manifold Business Forms..... | 374 | 794 | 2.12 |
| 49 | 2385 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 50 | 2522 | Metal Office Furniture..... | 273 | 572 | 2.09 |
| 51 | 3562 | Ball and Roller Bearings..... | 637 | 1,331 | 2.09 |
| 52 | 2327 | Men's, Youths' and Boys' Separate Trousers, Except Work..... | 436 | 906 | 2.08 |
| 53 | 3362 | Copper and Copper-Base Alloy Castings..... | 223 | 464 | 2.08 |
| 54 | 3229 | Pressed and Blown Glass n.e.c..... | 448 | 928 | 2.07 |
| 55 | 2731 | Books, Publishing and Printing..... | 1,011 | 2,081 | 2.06 |

See footnotes at end of table.

Table I-6.--ONE HUNDRED FASTEST GROWING PRODUCTS GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of Product | Shipments (\$ million) | | Ratio 1966/1958 |
|------|------|---|------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 56 | 3623 | Electric Welding Apparatus..... | 233 | 481 | 2.06 |
| 57 | 2753 | Engraving and Plate Printing..... | 94 | 192 | 2.05 |
| 58 | 3291 | Abrasive Products..... | 400 | 818 | 2.05 |
| 59 | 3566 | Power Transmission Equipment..... | 623 | 1,274 | 2.05 |
| 60 | 3569 | General Industrial Machines, n.e.c..... | 467 | 960 | 2.05 |
| 61 | 3871 | Watches and Clocks..... | 292 | 592 | 2.03 |
| 62 | 3565 | Industrial Patterns, Except Shoe..... | 121 | 244 | 2.02 |
| 63 | 3581 | Automatic Vending Machines..... | 131 | 264 | 2.02 |
| 64 | 3911 | Jewelry, Precious Metal..... | 287 | 580 | 2.02 |
| 65 | 2037 | Frozen Fruits, Fruit Juices, Vegetables and Specialties | 916 | 1,842 | 2.01 |
| 66 | 2519 | Household Furniture, n.e.c..... | 35 | 71 | 2.01 |
| 67 | 3299 | Other Nonmetallic Mineral Products, n.e.c..... | 54 | 108 | 2.01 |
| 68 | 3369 | Nonferrous castings, n.e.c..... | 233 | 468 | 2.01 |
| 69 | 3555 | Printing Trades Machinery..... | 273 | 550 | 2.01 |
| 70 | 3264 | Porcelain Electrical Supplies..... | 91 | 181 | 1.99 |
| 71 | 3629 | Electric Industrial Goods, n.e.c..... | 213 | 423 | 1.99 |
| 72 | 2752 | Printing, Lithographic..... | 1,366 | 2,702 | 1.98 |
| 73 | 3599 | Carburetors, Pistons, and other Machine Shop Products.. | 1,118 | 2,217 | 1.98 |
| 74 | 3471 | Electroplating, Plating and Polishing..... | 350 | 688 | 1.97 |
| 75 | 3661 | Telephone Telegraph Apparatus..... | 1,079 | 2,125 | 1.97 |
| 76 | 2061 | Sugar Cane Mill Products and Byproducts..... | 159 | 310 | 1.96 |
| 77 | 2732 | Book Printing..... | 423 | 828 | 1.96 |
| 78 | 3634 | Electric Housewares and Fans..... | 544 | 1,068 | 1.96 |
| 79 | 3941 | Games and Toys, Except Dolls and Children's Vehicles... | 522 | 1,023 | 1.96 |
| 80 | 2394 | Canvas Products..... | 114 | 223 | 1.95 |
| 81 | 2521 | Wood Office Furniture..... | 71 | 138 | 1.95 |
| 82 | 2879 | Agricultural Pesticides, and Other Agricultural Chemicals..... | 348 | 673 | 1.94 |
| 83 | 3692 | Primary Batteries, Dry and Wet..... | 136 | 264 | 1.94 |
| 84 | 2818 | Organic Chemicals, n.e.c..... | 2,787 | 5,366 | 1.93 |
| 85 | 3531 | Construction Machinery..... | 1,996 | 3,829 | 1.92 |
| 86 | 3694 | Engine Electrical Equipment..... | 587 | 1,124 | 1.92 |
| 87 | 2815 | Intermediate Coal Tar Products..... | 788 | 1,509 | 1.91 |
| 88 | 3535 | Conveyors..... | 334 | 639 | 1.91 |
| 89 | 3544 | Special Dies and Tools..... | 1,320 | 2,520 | 1.91 |
| 90 | 2432 | Veneer and Plywood..... | 836 | 1,520 | 1.90 |
| 91 | 3532 | Mining Machinery and Equipment..... | 275 | 524 | 1.90 |
| 92 | 3452 | Bolts, Nuts, Washers and Rivets..... | 859 | 1,623 | 1.89 |
| 93 | 3582 | Commercial Laundry Equipment..... | 107 | 202 | 1.89 |
| 94 | 2087 | Flavorings..... | 523 | 981 | 1.88 |
| 95 | 2645 | Die-Cut Paper and Board..... | 265 | 497 | 1.88 |
| 96 | 2813 | Industrial Gases..... | 263 | 494 | 1.88 |
| 97 | 3576 | Scales and Balances..... | 71 | 134 | 1.88 |
| 98 | 3642 | Lighting Fixtures..... | 765 | 1,438 | 1.88 |
| 99 | 3519 | Internal Combustion Engines..... | 1,133 | 2,114 | 1.87 |
| 100 | 3567 | Industrial Furnaces and Ovens..... | 185 | 347 | 1.87 |

*Metals and fabricated metal products industries are underscored.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*

| Rank | Code | Class of Product | Shipments (\$ million) | | Ratio 1966/1958 |
|------|-------|--|------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 38612 | Photocopying, Microfilming, Blueprinting, Vandyke, and White Printing Equipment..... | 58 | 549 | 9.53 |
| 2 | 33992 | Nonferrous Nails, Brads, Tacks and Staples..... | 2 | 19 | 9.26 |
| 3 | 30792 | Foamed Plastic Products..... | 54 | 398 | 7.36 |
| 4 | 35593 | Plastics-Working Machinery and Equipment, excluding patterns and Molds..... | 51 | 265 | 5.21 |
| 5 | 24993 | Particle Board..... | 17 | 90 | 5.17 |
| 6 | 3717A | Combat Vehicles and Motor Vehicle and Parts, n.s.k. (including 37174 and 37170)..... | 65 | 317 | 4.86 |
| 7 | 36795 | Other Electronic Components and Accessories, n.e.c..... | 685 | 3,275 | 4.78 |
| 8 | 24324 | Nonwood Face Plywood and Other Plywood Type Products, except Particle Wood..... | 27 | 127 | 4.65 |
| 9 | 36622 | Radio and Television Broadcast Equipment and closed Circuit Systems..... | 76 | 353 | 4.62 |
| 10 | 37323 | All Other Boats..... | 15 | 70 | 4.53 |
| 11 | 36740 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 12 | 36720 | Cathode Ray Picture Tubes, Inc. Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 13 | 24992 | Pallets and Skids..... | 43 | 188 | 4.35 |
| 14 | 38618 | Prepared Photographic chemicals..... | 36 | 153 | 4.26 |
| 15 | 35485 | Other Metalworking Machinery..... | 18 | 67 | 3.80 |
| 16 | 37991 | Automobile Trailers, excluding Housing Type Coaches..... | 23 | 86 | 3.80 |
| 17 | 34913 | All Other Barrels, including Beer Barrels and Fluid Milk Shipping Containers..... | 15 | *54 | *3.70 |
| 18 | 35412 | Drilling Machines..... | 30 | 111 | 3.68 |
| 19 | 22720 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 20 | 2221V | Finished Man-Made Fiber and Silk Broad-Woven Fabrics (Including 22218 and 22628)..... | 158 | 550 | 3.49 |
| 21 | 22533 | All Other Knit Outerwear Products, n.e.c..... | 69 | 239 | 3.48 |
| 22 | 36621 | Commercial, Industrial, and Military Electronic Communication Equipment..... | 416 | 1,446 | 3.48 |
| 23 | 35422 | Presses, including Forging Presses..... | 77 | 266 | 3.47 |
| 24 | 36793 | Resistors For Electronic Applications..... | 147 | 493 | 3.36 |
| 25 | 37314 | Ship Repair, U.S. Military..... | 124 | 413 | 3.33 |
| 26 | 28442 | Perfumes, Toilet Water, and Colognes..... | 103 | 341 | 3.29 |
| 27 | 34944 | Other Valves and Fittings, excluding Plumbers' Brass Goods and Fittings..... | 152 | 494 | 3.26 |
| 28 | 35418 | Other Machine Tools (including Those Designed For Home, Workshops, Laboratories, etc.)..... | 98 | 320 | 3.26 |
| 29 | 36512 | Household Television Receivers, including Television Combinations..... | 727 | 2,357 | 3.24 |
| 30 | 33991 | Metal Powders and Paste..... | 55 | 178 | 3.23 |
| 31 | 3742A | Freight Train Cars, New Street Cars, and Parts (including 37422 and 37423)..... | 516 | 1,649 | 3.20 |
| 32 | 35592 | Foundry Machinery and Equipment, excluding Patterns and Molds..... | 53 | 168 | 3.19 |
| 33 | 27521 | Magazines and Periodicals..... | 66 | 210 | 3.17 |
| 34 | 35521 | Textile Machinery..... | 144 | 451 | 3.14 |
| 35 | 27523 | Catalogs and Directories..... | 76 | 233 | 3.09 |
| 36 | 35415 | Lathes, Metal Cutting..... | 99 | 303 | 3.07 |
| 37 | 38410 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 38 | 2282A | Thrown and Textured, Crimped or Bulked Filament Yarns, including Stretch Yarns (including 22823 and 22824).... | 121 | 368 | 3.04 |
| 39 | 28184 | Pesticides and Other Organic Agricultural Chemicals (Not Formulations)..... | 96 | 293 | 3.04 |
| 40 | 37413 | Parts For Locomotives and Rebuilt Locomotives..... | 135 | 407 | 3.01 |
| 41 | 19610 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 42 | 27527 | Lithographic Plates Made For Others..... | 68 | 203 | 2.99 |

See footnotes at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of Product | Shipments (\$ million) | | Ratio 1966/1958 |
|------|-------|--|------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 43 | 33511 | Copper and Copper-Base Alloy Wire (Bare and Tinned) For Purposes Other Than Electrical Transmission..... | 48 | 143 | 2.98 |
| 44 | 35419 | Parts For Metal Cutting Type Machine Tools Sold Separately and Rebuilt Machine Tools..... | 89 | 260 | 2.93 |
| 45 | 23963 | Other Trimmings and Findings..... | 56 | 163 | 2.92 |
| 46 | 33572 | Copper and Copper-Base Alloy Wire (including Strand and Cable) Bare and Tinned, For Electrical Transmission.... | 156 | 454 | 2.90 |
| 47 | 27321 | Book and Pamphlet Printing and Book Binding (Lithographic Process)..... | 168 | 484 | 2.89 |
| 48 | 19510 | Small Arms, 30 MM and Under..... | 86 | 247 | 2.88 |
| 49 | 28423 | Specialty Cleaning and Sanitation Products..... | 181 | 520 | 2.86 |
| 50 | 36941 | Ignition Harness and Cable Sets..... | 29 | 82 | 2.83 |
| 51 | 23962 | Automobile and Furniture Trimmings..... | 161 | 450 | 2.80 |
| 52 | 39314 | Other Musical Instruments and Parts..... | 48 | 134 | 2.79 |
| 53 | 35370 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 54 | 27311 | Textbooks..... | 282 | 779 | 2.77 |
| 55 | 35612 | Hydraulic Fluid Power Pumps and Motors Vacuum Pumps.... | 77 | 212 | 2.76 |
| 56 | 22311 | Finished Wool Yarn, Tops, Or Raw Stock Not Spun Or Combed At Same Establishment..... | 27 | 75 | 2.75 |
| 57 | 24323 | Softwood Plywood, Exterior Type..... | 127 | 347 | 2.74 |
| 58 | 35414 | Grinding and Polishing Machines (excluding Gear Tooth Grinding, Honing, Lapping, Polishing and Buffing Machines)..... | 89 | 245 | 2.74 |
| 59 | 37321 | Inboard Motor Boats..... | 76 | 208 | 2.74 |
| 60 | 36231 | Arc Welding Machines, Components, and Accessories, excluding Electrodes..... | 66 | 179 | 2.72 |
| 61 | 3452A | Special Industrial Fasteners and Headed Products (Produced By Cold and Hot Heading Other Than Industrial Fasteners) (including 34522 and 34523)..... | 179 | 486 | 2.71 |
| 62 | 37150 | Truck Trailers..... | 284 | 770 | 2.71 |
| 63 | 22952 | Resin-Coated Fabrics..... | 121 | 325 | 2.69 |
| 64 | 35361 | Holsts..... | 59 | 159 | 2.68 |
| 65 | 35623 | Mounted Bearings..... | 35 | 94 | 2.67 |
| 66 | 35893 | Commercial and Industrial Vacuum Cleaners, including Parts and Attachments..... | 13 | *34 | *2.67 |
| 67 | 36624 | Electronic Navigational Aids (excluding Missile Borne and Space Vehicle Borne Equipment)..... | 426 | 1,135 | 2.67 |
| 68 | 28134 | Elemental Gases and Compressed and Liquified Gases, n.e.c..... | 130 | 345 | 2.65 |
| 69 | 35413 | Gear Cutting and Finishing Machines..... | 23 | 60 | 2.64 |
| 70 | 20373 | Frozen Prepared Foods and Soups..... | 319 | 838 | 2.63 |
| 71 | 32292 | Lighting and Electronic Glassware..... | 143 | 375 | 2.62 |
| 72 | 35451 | Small Cutting Tools For Machine Tools and Metalworking Machinery..... | 301 | 788 | 2.62 |
| 73 | 36792 | Capacitors For Electronic Applications..... | 184 | 478 | 2.60 |
| 74 | 32911 | Nonmetallic Artificial Sized Grains, Powders and Floor Abrasives..... | 39 | 101 | 2.59 |
| 75 | 33574 | Communication Wire and Cable..... | 365 | 948 | 2.59 |
| 76 | 33524 | Rolled Aluminum Rod, Bar, and Structural Shapes..... | 111 | 282 | 2.56 |
| 77 | 33512 | Rolled, Drawn, and Extruded Copper and Copper-Base Alloy Mill Products..... | 987 | 2,513 | 2.55 |
| 78 | 34990 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 79 | 26414 | Pressure Sensitive Tape..... | 183 | 465 | 2.53 |
| 80 | 33920 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 81 | 34970 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 82 | 35851 | Heat Transfer Equipment..... | 716 | 1,808 | 2.53 |
| 83 | 38611 | Still Picture Equipment..... | 179 | 454 | 2.53 |
| 84 | 32293 | Glass Fiber..... | 60 | 150 | 2.52 |

See footnotes at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of Product | Shipments (\$ million) | | Ratio 1966/1968 |
|------|-------|--|------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 85 | 36794 | Coils, Transformers, Reactors, and Chokes For Electronic Applications..... | 192 | 484 | 2.52 |
| 86 | 36293 | Other Electrical Equipment For Industrial Use..... | 77 | 193 | 2.51 |
| 87 | 33577 | Magnet Wire..... | 183 | 458 | 2.50 |
| 88 | 26552 | Fiber Cans, Tubes and Other Fiber Products..... | 134 | 333 | 2.49 |
| 89 | 25111 | Radio, Phonograph, and Television Wood Cabinets..... | 114 | 283 | 2.48 |
| 90 | 25224 | Other Metal Office Furniture including Tables, Stands, etc..... | 34 | 85 | 2.48 |
| 91 | 34613 | Job Stampings, Automotive..... | 551 | 1,369 | 2.48 |
| 92 | 36214 | Prime Mover Generator Sets excluding Steam Or Hydraulic Turbine..... | 74 | 182 | 2.47 |
| 93 | 38423 | Personal Industrial Safety Devices..... | 56 | 139 | 2.47 |
| 94 | 26416 | Other Coated and Processed Paper, except Wrappers..... | 135 | 332 | 2.46 |
| 95 | 35483 | Acetylene Welding and Cutting Apparatus..... | 38 | 94 | 2.46 |
| 96 | 36134 | Fuses and Fuse Equipment, Under 2,300 Volts..... | 31 | 76 | 2.46 |
| 97 | 28518 | Putty, Caulking Compounds and Allied Products..... | 65 | 160 | 2.45 |
| 98 | 20372 | Frozen Vegetables..... | 231 | 565 | 2.44 |
| 99 | 22562 | Circular Knit Fabrics..... | 245 | 598 | 2.44 |
| 100 | 27524 | Financial and Legal..... | 50 | 122 | 2.43 |
| 101 | 34790 | Metal Coating, Engraving and Allied Services, n.e.c..... | 184 | 447 | 2.43 |
| 102 | 38615 | Photographic Sensitized Film and Plates..... | 396 | 960 | 2.43 |
| 103 | 20515 | Pastries and Cookies..... | 40 | 97 | 2.42 |
| 104 | 24262 | Hardwood Dimension Stock, Furniture Parts, and Vehicle Stock..... | 103 | 248 | 2.41 |
| 105 | 28443 | Hair Preparations (including Shampoos)..... | 316 | 761 | 2.41 |
| 106 | 36511 | Household and Automobile Radios, and Radio-Phonograph Combinations..... | 345 | 830 | 2.41 |
| 107 | 37172 | Truck Tractors, Truck Chassis and Trucks (Chassis Of Own Manufacture)..... | 1,934 | 4,656 | 2.41 |
| 108 | 26462 | Other Pressed and Molded Pulp Goods..... | 51 | 122 | 2.40 |
| 109 | 27611 | Continuous Business Forms..... | 169 | 407 | 2.40 |
| 110 | 35453 | Other Attachments and Accessories For Machine Tools and Metalworking Machinery..... | 96 | 231 | 2.40 |
| 111 | 35857 | Other Refrigeration and Air Conditioning Equipment..... | 195 | 469 | 2.40 |
| 112 | 1925A | R and D On Guided Missiles and Space Vehicles and All Other Serv. On Complete Missiles and Space Vehicles (including 19253 and 19255)..... | 986 | 2,353 | 2.39 |
| 113 | 19251 | Guided Missiles and Space Vehicles, Completed..... | 901 | 2,156 | 2.39 |
| 114 | 25222 | Desks..... | 66 | 158 | 2.38 |
| 115 | 38617 | Sensitized Photographic Paper and Cloth, Other Than Silver Halide Type..... | 82 | 196 | 2.38 |
| 116 | 2299A | Bonded Fiber Fabrics (Non-woven Textiles) and Textile Goods, n.e.c., n.s.k. (including 22991 and 22990)..... | 70 | 165 | 2.37 |
| 117 | 32316 | Other Glass Products, Made Of Purchased Glass..... | 157 | 372 | 2.37 |
| 118 | 2253V | Knit Outerwear Sport Shirts (including 22532, 23212, 23312 and 23612)..... | 219 | 517 | 2.36 |
| 119 | 32926 | Vinyl Asbestos Floor Tile..... | 67 | 157 | 2.36 |
| 120 | 3331V | Refined Copper (including 33312 and 33412)..... | 480 | 1,129 | 2.35 |
| 121 | 35622 | Roller Bearings, Complete..... | 269 | 633 | 2.35 |
| 122 | 37177 | Rebuilt Automotive Parts (excluding Carburetors)..... | 80 | 188 | 2.35 |
| 123 | 34510 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 124 | 20154 | Canned Poultry..... | 26 | 60 | 2.33 |
| 125 | 36113 | Other Electrical Measuring Instruments..... | 140 | 326 | 2.33 |
| 126 | 36425 | Outdoor Lighting Equipment..... | 76 | 178 | 2.33 |
| 127 | 39530 | Hand Stamps, Stencils, and Other Marking Devices..... | 59 | 137 | 2.33 |
| 128 | 35423 | Other Metal-Forming Machines..... | 61 | 141 | 2.32 |

See footnotes at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of Product | Shipments (\$ million) | | Ratio 1966/1958 |
|------|-------|--|------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 129 | 3532A | Other Mining Machinery and Equipment n.s.k. including Parts and Attachments For Mining Machinery including 35320, 35323 and 35324..... | 143 | 330 | 2.31 |
| 130 | 36443 | Other Noncurrent Carrying Wiring Devices and Supplies... | 59 | *137 | *2.31 |
| 131 | 37510 | Bicycles, Motorcycles, Motorbikes, Scooters and Pts.... | 106 | 245 | 2.31 |
| 132 | 28445 | Other Cosmetics and Toilet Preparations..... | 418 | 961 | 2.30 |
| 133 | 33610 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 134 | 37171 | Passenger Cars, Knocked Down Or Assembled..... | 9,218 | 21,157 | 2.30 |
| 135 | 35311 | Contractors' Off-Highway Wheel Tractors, excluding Parts and Attachments..... | 90 | 206 | 2.29 |
| 136 | 35720 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 137 | 20874 | Other Flavoring Agents, Except Chocolate Sirups..... | 163 | 371 | 2.28 |
| 138 | 3357X | Appliance Wire and Cord and Flexible Cord Sets (including 33576 and 36996)..... | 127 | 288 | 2.27 |
| 139 | 34441 | Sheet Metal Roofing, Siding and Drainage Equipment..... | 186 | 422 | 2.27 |
| 140 | 36343 | Other Small Household Electric Appliances..... | 336 | 764 | 2.27 |
| 141 | 35416 | Milling Machines..... | 89 | 202 | 2.26 |
| 142 | 36912 | Storage Batteries (Other Than Sli Type) including Parts For Storage Batteries, All Types..... | 79 | 177 | 2.26 |
| 143 | 28411 | Alkaline Detergents and Acid-Type Cleaners..... | 144 | 326 | 2.25 |
| 144 | 35624 | Ball and Roller Bearings Parts and Components..... | 41 | 92 | 2.25 |
| 145 | 36942 | Battery Charging Generators..... | 105 | 236 | 2.25 |
| 146 | 37130 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 147 | 3799A | Other Transportation Equipment, and Transportation Equipment, n.e.c. and n.s.k. (including 37992 and 37990)..... | 77 | 174 | 2.25 |
| 148 | 20872 | Beverage Bases, except Sirups and Concentrated Fruit Juices..... | 59 | 132 | 2.24 |
| 149 | 29115 | Liquified Petroleum Gases Made in Refineries..... | 560 | 1,253 | 2.24 |
| 150 | 35411 | Boring Machines..... | 52 | 115 | 2.24 |
| 151 | 36220 | General Industry Power Circuit Devices and Controls.... | 447 | 1,002 | 2.24 |
| 152 | 36393 | Other Household Appliances and Parts..... | 131 | 294 | 2.24 |
| 153 | 38711 | Clocks..... | 111 | 250 | 2.24 |
| 154 | 26452 | Pasted, Lined, Laminated Or Surface Coated Paperboard... | 57 | 127 | 2.23 |
| 155 | 27315 | General Books (Trade), etc..... | 275 | 611 | 2.23 |
| 156 | 35482 | Power-Driven Hand Tool, including Parts and Attachments. | 211 | 470 | 2.23 |
| 157 | 36943 | Cranking Motors..... | 82 | 184 | 2.23 |
| 158 | 22561 | Warp-Knit Fabrics..... | 217 | 482 | 2.22 |
| 159 | 27316 | Other Books and Pamphlets..... | 96 | 213 | 2.22 |
| 160 | 30692 | Rubber Hose and Tubing..... | 181 | 400 | 2.22 |
| 161 | 35642 | Dust Collection, Air Purification Equipment and Air Washers..... | 70 | 156 | 2.22 |
| 162 | 33220 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 163 | 33996 | Heat Treating Of Steel For The Trade..... | 85 | 188 | 2.20 |
| 164 | 35662 | Speed Changers, Industrial High Speed Drives and Gears.. | 234 | 515 | 2.20 |
| 165 | 36422 | Commercial and Institutional Type Electric Fixtures.... | 168 | 370 | 2.20 |
| 166 | 3519A | Diesel and Semidiesel Internal Combustion Engines, (including 35192 and 35194)..... | 314 | 690 | 2.19 |
| 167 | 35318 | Scrapers, Graders, Rollers and Off-Highway Trucks, Trailers, and Wagons (excluding Parts) (See 35319).... | 326 | 712 | 2.19 |
| 168 | 3589A | Commercial Cooking and Food Warming Equipment, Service Industry Machines and Parts (including 35891 and 35892)..... | 209 | 458 | 2.19 |
| 169 | 33526 | Aluminum Tube..... | 90 | 195 | 2.18 |
| 170 | 35591 | Chemical Manufacturing Industries Machinery and Equipment..... | 118 | 258 | 2.18 |
| 171 | 35671 | Electric Industrial Furnaces and Ovens, Metal Processing..... | 36 | 78 | 2.18 |

See footnotes at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of Product | Shipments (\$ million) | | Ratio 1966/1958 |
|------|-------|---|------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 172 | 25113 | Wood Dining Room and Kitchen Furniture (excluding Cabinets)..... | 167 | 362 | 2.17 |
| 173 | 33230 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 174 | 33525 | Extruded Aluminum Rod, Bar and Other Extruded Shapes.... | 272 | 591 | 2.17 |
| 175 | 34231 | Mechanics' Hand Service Tools..... | 188 | 409 | 2.17 |
| 176 | 35334 | Other Oil and Gas Field Machinery and Tools..... | 41 | 88 | 2.17 |
| 177 | 37175 | Parts and Accessories For Passenger Cars, Trucks and Busses Shipped To Motor Vehicle Manufactures..... | 7,327 | 15,894 | 2.17 |
| 178 | 28441 | Shaving Preparations..... | 75 | 162 | 2.16 |
| 179 | 23113 | Men's Tailored Dress and Sport Coats and Jackets..... | 147 | 317 | 2.15 |
| 180 | 28191 | Synthetic Ammonia, Nitric Acid, and Ammonium Compounds.. | 365 | 785 | 2.15 |
| 181 | 32912 | Nonmetallic Bonded Abrasive Products, including Diamond Abrasives..... | 164 | 353 | 2.15 |
| 182 | 39111 | Jewelry, Made Of Platinum Metals and Carat Gold..... | 195 | 419 | 2.15 |
| 183 | 28153 | Synthetic Organic Pigments, Lakes, and Toners..... | 80 | 172 | 2.14 |
| 184 | 30793 | Laminated Sheets, Rods and Tubes..... | 163 | 349 | 2.14 |
| 185 | 34291 | Transportation Equipment Hardware..... | 472 | 1,009 | 2.14 |
| 186 | 35595 | Other Special Industrial Machinery and Equipment..... | 415 | 886 | 2.14 |
| 187 | 20922 | Other Soybean Oil Mill Products..... | 487 | 1,036 | 2.13 |
| 188 | 32962 | Mineral Wool For Industrial and Equipment Insulation.... | 142 | 302 | 2.13 |
| 189 | 36930 | X-Ray Equipment, including X-Ray Tubes and Electro-therapeutic Apparatus..... | 73 | 156 | 2.13 |
| 190 | 28198 | Chemical Catalytic Preparations..... | 56 | 119 | 2.12 |
| 191 | 35552 | Other Printing Trades Machinery, including Parts and Attachments..... | 156 | 330 | 2.12 |
| 192 | 23850 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 193 | 33560 | Nonferrous Metal Rolling and Drawing, n.e.c., including Nonferrous Wire n.e.c. Made In Rolling Mills, n.e.c. (See 33575)..... | 428 | 903 | 2.11 |
| 194 | 3357V | Aluminum and Aluminum-Base Alloy Wire (including ACSR) (including 33521 and 33571)..... | 101 | 212 | 2.11 |
| 195 | 35551 | Printing Presses..... | 94 | 199 | 2.11 |
| 196 | 36233 | Resistance Welders, Components, Accessories and Electrodes..... | 48 | 101 | 2.11 |
| 197 | 36945 | Other Complete Electrical Equipment For Internal Combustion Engines..... | 134 | 282 | 2.11 |
| 198 | 24321 | Hardwood Plywood..... | 183 | 383 | 2.10 |
| 199 | 25126 | Furniture Frames For Household Furniture..... | 36 | 77 | 2.10 |
| 200 | 25221 | Chairs, Stools, Couches, etc., including Upholstered.... | 59 | 123 | 2.10 |

*Metals and Fabricated Metal Products industries are underscored.

Section II.--Profiles of Metals and Fabricated Metal Products Manufacturing

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 and 1963-65, PRIMARY METALS INDUSTRIES

NOTE: Data for 1964 and 1965 may subject to high standard errors of estimate. Consult Chapter 8 of the Annual Survey of Manufacturers, 1964 and 1965, for standard errors of estimate.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1958..... | 38,024 | 218,422 | 31,756 | 61,706 | 171,372 | 469,497 | 5,744 | 5,397 | 14,785 | 2.74 | 2.78 | 1,943 |
| 1963..... | 40,078 | 265,025 | 33,536 | 65,523 | 210,521 | 693,292 | 6,613 | 6,277 | 20,673 | 3.29 | 3.21 | 1,954 |
| 1964..... | 41,466 | 293,392 | 35,481 | 71,637 | 233,918 | 802,346 | 7,075 | 6,593 | 22,613 | 3.43 | 3.27 | 2,019 |
| 1965..... | 43,715 | 312,640 | 37,194 | 73,904 | 248,080 | 807,808 | 7,152 | 6,670 | 21,719 | 3.26 | 3.36 | 1,987 |
| Arizona: | | | | | | | | | | | | |
| 1958..... | 4,976 | 26,988 | 4,123 | 8,210 | 21,171 | 41,317 | 5,424 | 5,135 | 10,021 | 1.95 | 2.58 | 1,991 |
| 1963..... | 4,480 | 29,441 | 3,771 | 7,528 | 22,440 | 73,531 | 6,572 | 5,951 | 19,499 | 3.28 | 2.98 | 1,996 |
| 1964..... | 4,508 | 30,618 | 3,737 | 7,600 | 23,640 | 70,943 | 6,792 | 6,326 | 18,984 | 3.00 | 3.11 | 2,034 |
| 1965..... | 4,741 | 35,208 | 4,035 | 8,555 | 27,827 | 84,527 | 7,426 | 6,896 | 20,948 | 3.04 | 3.25 | 2,120 |
| Arkansas: | | | | | | | | | | | | |
| 1958..... | 2,450 | 14,149 | 1,962 | 4,179 | 11,008 | 36,297 | 5,775 | 5,611 | 18,500 | 3.30 | 2.63 | 2,130 |
| 1963..... | 3,121 | 18,543 | 2,602 | 5,382 | 14,364 | 37,291 | 5,941 | 5,520 | 14,332 | 2.60 | 2.67 | 2,068 |
| 1964..... | 3,472 | 20,210 | 2,848 | 5,825 | 15,494 | 49,613 | 5,821 | 5,440 | 17,420 | 3.20 | 2.66 | 2,045 |
| 1965..... | 3,134 | 19,757 | 2,565 | 5,266 | 15,085 | 56,310 | 6,304 | 5,881 | 21,953 | 3.73 | 2.86 | 2,053 |
| California: | | | | | | | | | | | | |
| 1958..... | 46,444 | 268,178 | 36,870 | 72,448 | 197,123 | 505,561 | 5,774 | 5,346 | 13,712 | 2.56 | 2.72 | 1,965 |
| 1963..... | 48,469 | 330,945 | 38,954 | 78,639 | 245,842 | 603,882 | 6,828 | 6,311 | 15,502 | 2.46 | 3.13 | 2,019 |
| 1964..... | 48,448 | 347,693 | 39,187 | 81,722 | 260,877 | 609,888 | 7,177 | 6,657 | 15,564 | 2.34 | 3.19 | 2,085 |
| 1965..... | 49,702 | 363,869 | 39,866 | 81,928 | 271,432 | 645,229 | 7,321 | 6,809 | 16,185 | 2.38 | 3.31 | 2,055 |
| Colorado: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 7,642 | 51,668 | 6,333 | 12,391 | 40,430 | 91,813 | 6,761 | 6,384 | 14,498 | 2.27 | 3.26 | 1,957 |
| 1964..... | 7,807 | 53,578 | 6,448 | 12,441 | 41,405 | 98,733 | 6,863 | 6,421 | 15,312 | 2.38 | 3.33 | 1,929 |
| 1965..... | 8,180 | 57,912 | 6,787 | 13,161 | 45,299 | 94,820 | 7,080 | 6,674 | 13,971 | 2.09 | 3.44 | 1,939 |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 25,501 | 137,066 | 20,508 | 39,615 | 100,434 | 244,344 | 5,375 | 4,897 | 11,915 | 2.43 | 2.54 | 1,932 |
| 1963..... | 25,865 | 169,367 | 20,506 | 42,542 | 125,002 | 321,769 | 6,548 | 6,096 | 15,691 | 2.57 | 2.94 | 2,075 |
| 1964..... | 26,027 | 178,633 | 20,627 | 43,973 | 131,669 | 371,035 | 6,863 | 6,383 | 17,988 | 2.82 | 2.99 | 2,132 |
| 1965..... | 27,117 | 196,192 | 21,347 | 46,624 | 144,339 | 441,647 | 7,235 | 6,762 | 20,689 | 3.06 | 3.10 | 2,184 |
| Delaware: | | | | | | | | | | | | |
| 1958..... | 2,952 | 15,987 | 2,219 | 4,266 | 11,525 | 21,093 | 5,416 | 5,239 | 9,506 | 1.81 | 2.73 | 1,922 |
| 1963..... | 2,282 | 14,532 | 1,887 | 3,490 | 10,645 | 19,371 | 6,368 | 5,641 | 10,266 | 1.82 | 3.05 | 1,849 |
| 1964..... | 2,528 | 16,324 | 2,083 | 3,914 | 12,145 | 23,589 | 6,457 | 5,831 | 11,325 | 1.94 | 3.10 | 1,879 |
| 1965..... | 2,360 | 15,205 | 1,887 | 3,445 | 11,149 | 22,273 | 6,443 | 5,908 | 11,803 | 2.00 | 3.24 | 1,826 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 and 1963-65, PRIMARY METALS INDUSTRIES--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Florida: | | | | | | | | | | | | |
| 1958..... | 1,508 | 6,071 | 1,255 | 2,671 | 4,520 | 11,487 | 4,026 | 3,602 | 9,153 | 2.54 | 1.69 | 2,128 |
| 1963..... | 2,323 | 11,468 | 1,964 | 4,080 | 9,013 | 30,845 | 4,937 | 4,589 | 15,705 | 3.42 | 2.21 | 2,077 |
| 1964..... | 2,256 | 11,331 | 1,959 | 4,123 | 9,154 | 27,892 | 5,023 | 4,673 | 14,238 | 3.05 | 2.22 | 2,105 |
| 1965..... | 2,173 | 12,565 | 1,710 | 4,318 | 9,778 | 30,875 | 5,782 | 5,718 | 18,056 | 3.16 | 2.26 | 2,525 |
| Georgia: | | | | | | | | | | | | |
| 1958..... | 3,252 | 13,758 | 2,625 | 4,708 | 10,550 | 16,191 | 4,231 | 4,019 | 6,168 | 1.53 | 2.24 | 1,794 |
| 1963..... | 3,514 | 18,188 | 2,841 | 5,768 | 13,122 | 35,998 | 5,176 | 4,619 | 12,671 | 2.74 | 2.27 | 2,030 |
| 1964..... | 4,005 | 22,930 | 2,978 | 6,869 | 17,015 | 40,712 | 5,725 | 5,714 | 13,671 | 2.39 | 2.48 | 2,307 |
| 1965..... | 4,548 | 27,163 | 3,634 | 7,836 | 20,256 | 59,372 | 5,973 | 5,574 | 16,338 | 2.93 | 2.58 | 2,156 |
| Illinois: | | | | | | | | | | | | |
| 1958..... | 89,432 | 527,185 | 71,415 | 136,110 | 382,876 | 906,854 | 5,895 | 5,361 | 12,698 | 2.37 | 2.81 | 1,906 |
| 1963..... | 97,850 | 689,516 | 79,964 | 158,609 | 519,885 | 1,176,747 | 7,047 | 6,501 | 14,716 | 2.26 | 3.28 | 1,984 |
| 1964..... | 103,750 | 763,811 | 84,374 | 173,315 | 577,786 | 1,425,423 | 7,362 | 6,848 | 16,894 | 2.47 | 3.33 | 2,054 |
| 1965..... | 109,944 | 829,100 | 89,764 | 182,699 | 632,190 | 1,568,649 | 7,541 | 7,043 | 17,475 | 2.48 | 3.46 | 2,035 |
| Indiana: | | | | | | | | | | | | |
| 1958..... | 87,846 | 525,219 | 70,885 | 133,270 | 392,881 | 1,047,335 | 5,979 | 5,543 | 14,775 | 2.67 | 2.95 | 1,880 |
| 1963..... | 93,613 | 681,338 | 76,901 | 155,097 | 531,294 | 1,456,412 | 7,278 | 6,909 | 18,939 | 2.74 | 3.43 | 2,017 |
| 1964..... | 99,319 | 751,867 | 82,349 | 169,590 | 592,799 | 1,586,726 | 7,570 | 7,199 | 19,268 | 2.68 | 3.50 | 2,059 |
| 1965..... | 108,175 | 825,907 | 89,433 | 180,454 | 646,466 | 1,689,100 | 7,635 | 7,228 | 18,887 | 2.61 | 3.58 | 2,018 |
| Iowa: | | | | | | | | | | | | |
| 1958..... | 5,294 | 28,656 | 4,210 | 8,493 | 20,885 | 62,276 | 5,413 | 4,961 | 14,792 | 2.98 | 2.46 | 2,017 |
| 1963..... | 7,177 | 48,376 | 5,772 | 12,291 | 36,173 | 107,979 | 6,740 | 6,267 | 18,707 | 2.99 | 2.94 | 2,129 |
| 1964..... | 8,340 | 56,533 | 6,807 | 13,527 | 42,137 | 105,864 | 6,779 | 6,190 | 15,552 | 2.51 | 3.12 | 1,987 |
| 1965 | 8,820 | 62,414 | 7,219 | 14,880 | 47,941 | 110,257 | 7,076 | 6,641 | 15,273 | 2.30 | 3.22 | 2,061 |
| Kansas: | | | | | | | | | | | | |
| 1958..... | 1,879 | 8,163 | 1,609 | 3,086 | 6,403 | 12,160 | 4,344 | 3,979 | 7,557 | 1.90 | 2.07 | 1,918 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 and 1963-65, PRIMARY METALS INDUSTRIES--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Kentucky: | | | | | | | | | | | | |
| 1958..... | 8,087 | 49,397 | 6,617 | 12,939 | 39,002 | 98,437 | 6,108 | 5,894 | 14,876 | 2.52 | 3.01 | 1,955 |
| 1963..... | 9,825 | 68,212 | 8,175 | 16,271 | 53,688 | 148,677 | 6,943 | 6,567 | 18,187 | 2.77 | 3.30 | 1,990 |
| 1964..... | 10,956 | 76,900 | 9,356 | 18,705 | 63,451 | 160,981 | 7,019 | 6,782 | 17,206 | 2.54 | 3.39 | 1,999 |
| 1965..... | 11,048 | 82,160 | 9,373 | 18,607 | 67,037 | 176,890 | 7,437 | 7,152 | 18,872 | 2.64 | 3.60 | 1,988 |
| Louisiana: | | | | | | | | | | | | |
| 1958..... | 3,550 | 22,258 | 2,963 | 6,012 | 17,149 | 84,460 | 6,270 | 5,788 | 28,505 | 4.93 | 2.85 | 2,029 |
| 1963..... | 3,869 | 25,159 | 3,246 | 6,603 | 19,506 | 85,677 | 6,503 | 6,009 | 26,395 | 4.39 | 2.95 | 2,034 |
| 1964..... | 4,067 | 26,318 | 3,451 | 6,655 | 20,123 | 86,550 | 6,471 | 5,831 | 25,080 | 4.30 | 3.02 | 1,928 |
| 1965..... | 3,965 | 26,488 | 3,328 | 6,529 | 19,924 | 90,746 | 6,680 | 5,987 | 27,267 | 4.55 | 3.05 | 1,962 |
| Maine: | | | | | | | | | | | | |
| 1958..... | 247 | 936 | 196 | 351 | 607 | 1,836 | 3,789 | 3,097 | 9,367 | 3.02 | 1.73 | 1,791 |
| 1963..... | 244 | 1,162 | 181 | 346 | 711 | 1,691 | 4,762 | 3,928 | 9,343 | 2.38 | 2.05 | 1,912 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | 382 | 1,994 | 307 | 468 | 1,284 | 2,293 | 5,220 | 4,182 | 7,469 | 1.79 | 2.74 | 1,524 |
| Maryland: | | | | | | | | | | | | |
| 1958..... | 35,991 | 209,567 | 29,388 | 56,220 | 161,942 | 430,062 | 5,823 | 5,510 | 14,634 | 2.66 | 2.88 | 1,913 |
| 1963..... | 36,035 | 250,293 | 28,788 | 55,555 | 190,129 | 509,289 | 6,946 | 6,604 | 17,691 | 2.68 | 3.42 | 1,930 |
| 1964..... | 37,333 | 275,970 | 30,258 | 60,942 | 212,925 | 506,050 | 7,392 | 7,037 | 16,725 | 2.38 | 3.49 | 2,014 |
| 1965..... | 38,086 | 291,740 | 30,751 | 62,206 | 223,275 | 542,679 | 7,660 | 7,261 | 17,648 | 2.43 | 3.59 | 2,023 |
| Massachusetts: | | | | | | | | | | | | |
| 1958..... | 22,724 | 118,233 | 17,908 | 34,937 | 84,063 | 184,040 | 5,203 | 4,694 | 10,277 | 2.19 | 2.41 | 1,951 |
| 1963..... | 22,057 | 130,789 | 17,555 | 35,630 | 94,313 | 201,819 | 5,930 | 5,372 | 11,496 | 2.14 | 2.65 | 2,030 |
| 1964..... | 21,448 | 135,925 | 16,993 | 35,609 | 97,268 | 232,922 | 6,337 | 5,724 | 13,707 | 2.39 | 2.73 | 2,096 |
| 1965..... | 21,159 | 140,743 | 17,116 | 34,973 | 103,998 | 257,332 | 6,652 | 6,076 | 15,035 | 2.47 | 2.97 | 2,043 |
| Michigan: | | | | | | | | | | | | |
| 1958..... | 67,977 | 411,669 | 55,351 | 109,244 | 311,055 | 683,092 | 6,056 | 5,620 | 12,341 | 2.20 | 2.85 | 1,974 |
| 1963..... | 81,807 | 604,915 | 68,277 | 143,232 | 473,674 | 1,155,577 | 7,394 | 6,938 | 16,925 | 2.44 | 3.31 | 2,098 |
| 1964..... | 85,616 | 659,201 | 71,457 | 152,615 | 516,145 | 1,249,812 | 7,700 | 7,223 | 17,490 | 2.42 | 3.38 | 2,136 |
| 1965..... | 90,390 | 735,108 | 75,402 | 165,071 | 581,710 | 1,489,326 | 8,133 | 7,715 | 19,752 | 2.56 | 3.52 | 2,189 |
| Minnesota: | | | | | | | | | | | | |
| 1958..... | 5,559 | 30,526 | 4,677 | 8,696 | 23,671 | 47,311 | 5,491 | 5,061 | 10,116 | 2.00 | 2.72 | 1,859 |
| 1963..... | 5,484 | 35,248 | 4,773 | 9,389 | 28,545 | 64,633 | 6,427 | 5,981 | 13,541 | 2.26 | 3.04 | 1,967 |
| 1964..... | 5,866 | 39,126 | 4,997 | 10,047 | 30,536 | 72,870 | 6,670 | 6,111 | 14,583 | 2.39 | 3.04 | 2,011 |
| 1965..... | 6,413 | 43,904 | 5,492 | 11,091 | 34,969 | 99,297 | 6,846 | 6,367 | 18,080 | 2.84 | 3.15 | 2,019 |

Table II-la.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 and 1963-65, PRIMARY METALS INDUSTRIES--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per pro- duction worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-------------------|------------------|----------------------|--------------------|----------------------|--------------------|-----------------------------|---|---|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Mississippi: | | | | | | | | | | | | |
| 1958..... | 480 | 1,820 | 366 | 725 | 1,333 | 2,377 | 3,792 | 3,642 | 6,495 | 1.78 | 1.84 | 1,981 |
| 1963..... | 585 | 2,731 | 472 | 966 | 1,972 | 7,362 | 4,668 | 4,178 | 15,597 | 3.73 | 2.04 | 2,047 |
| 1964..... | 733 | 3,708 | 608 | 1,295 | 2,794 | 5,783 | 5,059 | 4,595 | 9,512 | 2.07 | 2.16 | 2,130 |
| 1965..... | 830 | 3,963 | 720 | 1,579 | 3,123 | 7,219 | 4,775 | 4,338 | 10,026 | 2.31 | 1.98 | 2,193 |
| Missouri: | | | | | | | | | | | | |
| 1958..... | 13,575 | 73,312 | 10,773 | 20,023 | 53,731 | 131,716 | 5,401 | 4,988 | 12,226 | 2.45 | 2.68 | 1,859 |
| 1963..... | 12,798 | 82,204 | 10,337 | 20,443 | 59,700 | 153,109 | 6,423 | 5,775 | 14,812 | 2.56 | 2.92 | 1,978 |
| 1964..... | 14,023 | 92,196 | 11,392 | 23,350 | 67,637 | 175,431 | 6,575 | 5,937 | 15,399 | 2.59 | 2.90 | 2,050 |
| 1965..... | 15,164 | 100,533 | 12,484 | 25,190 | 73,744 | 187,515 | 6,630 | 5,907 | 15,020 | 2.54 | 2.93 | 2,018 |
| Montana: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 3,261 | 18,144 | 2,643 | 4,939 | 14,234 | 47,795 | 5,564 | 5,386 | 18,084 | 3.36 | 2.88 | 1,869 |
| 1964..... | 3,336 | 19,901 | 2,760 | 5,232 | 15,807 | 55,889 | 5,966 | 5,727 | 20,250 | 3.54 | 3.02 | 1,896 |
| 1965..... | 3,528 | 22,660 | 2,933 | 5,769 | 17,725 | 72,443 | 6,423 | 6,043 | 24,699 | 4.09 | 3.07 | 1,967 |
| Nebraska: | | | | | | | | | | | | |
| 1958..... | 1,108 | 5,792 | 789 | 1,618 | 3,433 | 20,383 | 5,227 | 4,351 | 25,834 | 5.94 | 2.12 | 2,051 |
| 1963..... | 1,840 | 11,292 | 1,440 | 2,992 | 8,055 | 26,000 | 6,137 | 5,594 | 18,056 | 3.23 | 2.69 | 2,078 |
| 1964..... | 1,935 | 12,736 | 1,603 | 3,302 | 9,809 | 47,353 | 6,582 | 6,119 | 29,540 | 4.83 | 2.97 | 2,060 |
| 1965..... | 2,266 | 15,719 | 1,744 | 3,860 | 11,501 | 43,513 | 6,937 | 6,595 | 24,950 | 3.78 | 2.98 | 2,213 |
| New Hampshire: | | | | | | | | | | | | |
| 1958..... | 1,747 | 8,016 | 1,345 | 2,747 | 5,545 | 15,762 | 4,588 | 4,123 | 11,719 | 2.84 | 2.02 | 2,042 |
| 1963..... | 1,696 | 8,642 | 1,340 | 2,728 | 5,903 | 16,119 | 5,096 | 4,405 | 12,029 | 2.73 | 2.16 | 2,036 |
| 1964..... | 1,814 | 9,605 | 1,422 | 2,867 | 6,502 | 19,921 | 5,295 | 4,572 | 14,009 | 3.06 | 2.27 | 2,016 |
| 1965..... | 2,047 | 11,840 | 1,614 | 3,471 | 8,208 | 20,634 | 5,784 | 5,086 | 12,784 | 2.51 | 2.36 | 2,151 |
| New Jersey: | | | | | | | | | | | | |
| 1958..... | 37,206 | 205,732 | 29,134 | 57,870 | 149,114 | 370,542 | 5,530 | 5,118 | 12,719 | 2.48 | 2.58 | 1,986 |
| 1963..... | 35,925 | 230,454 | 27,651 | 56,317 | 164,768 | 408,644 | 6,415 | 5,959 | 14,779 | 2.48 | 2.93 | 2,037 |
| 1964..... | 36,165 | 245,810 | 27,922 | 58,734 | 177,030 | 465,210 | 6,797 | 6,340 | 16,661 | 2.63 | 3.01 | 2,104 |
| 1965..... | 37,159 | 257,616 | 28,742 | 60,864 | 187,749 | 521,816 | 6,933 | 6,532 | 18,155 | 2.78 | 3.08 | 2,118 |
| New York: | | | | | | | | | | | | |
| 1958..... | 68,340 | 383,070 | 53,637 | 102,549 | 280,219 | 667,696 | 5,605 | 5,224 | 12,448 | 2.38 | 2.73 | 1,912 |
| 1963..... | 68,539 | 459,449 | 55,178 | 109,930 | 347,088 | 916,516 | 6,703 | 6,290 | 16,610 | 2.64 | 3.16 | 1,992 |
| 1964..... | 69,301 | 479,868 | 56,422 | 114,122 | 366,215 | 939,379 | 6,924 | 6,491 | 16,649 | 2.57 | 3.21 | 2,023 |
| 1965..... | 73,797 | 526,482 | 58,145 | 122,376 | 403,725 | 1,049,600 | 7,134 | 6,943 | 18,051 | 2.60 | 3.30 | 2,105 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 and 1963-65, PRIMARY METALS INDUSTRIES--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| North Carolina: | | | | | | | | | | | | |
| 1958..... | 2,720 | 12,265 | 2,207 | 4,372 | 9,035 | 4,509 | 4,094 | 10,559 | 2.58 | 2.07 | 1,981 | |
| 1963..... | 3,360 | 17,345 | 2,805 | 5,810 | 12,868 | 5,162 | 4,588 | 14,614 | 3.19 | 2.21 | 2,071 | |
| 1964..... | 3,527 | 19,952 | 2,893 | 6,027 | 14,426 | 5,657 | 4,987 | 16,198 | 3.25 | 2.39 | 2,083 | |
| 1965..... | 4,639 | 26,085 | 3,869 | 8,132 | 18,855 | 5,623 | 4,873 | 16,632 | 3.41 | 2.32 | 2,102 | |
| Ohio: | | | | | | | | | | | | |
| 1958..... | 153,269 | 886,547 | 127,193 | 230,796 | 681,963 | 5,784 | 5,362 | 12,923 | 2.41 | 2.95 | 1,815 | |
| 1963..... | 155,447 | 1,100,486 | 130,507 | 258,635 | 874,310 | 7,079 | 6,699 | 16,840 | 2.51 | 3.38 | 1,982 | |
| 1964..... | 163,043 | 1,215,659 | 137,530 | 282,930 | 978,736 | 7,456 | 7,117 | 17,063 | 2.40 | 3.46 | 2,057 | |
| 1965..... | 173,206 | 1,323,413 | 145,953 | 297,386 | 1,068,004 | 7,641 | 7,317 | 18,535 | 2.53 | 3.59 | 2,038 | |
| Oklahoma: | | | | | | | | | | | | |
| 1958..... | 2,940 | 14,216 | 2,569 | 4,856 | 11,139 | 4,835 | 4,336 | 9,000 | 2.08 | 2.29 | 1,890 | |
| 1963..... | 3,795 | 20,563 | 3,305 | 6,349 | 16,218 | 5,418 | 4,907 | 13,857 | 2.82 | 2.55 | 1,921 | |
| 1964..... | 3,606 | 20,691 | 3,130 | 6,277 | 16,275 | 5,738 | 5,200 | 14,422 | 2.77 | 2.59 | 2,005 | |
| 1965..... | 4,050 | 23,783 | 3,526 | 6,271 | 19,006 | 5,872 | 5,390 | 13,163 | 2.44 | 3.03 | 1,779 | |
| Oregon: | | | | | | | | | | | | |
| 1958..... | 4,214 | 24,758 | 3,488 | 6,871 | 19,372 | 5,875 | 5,554 | 18,860 | 3.40 | 2.82 | 1,970 | |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 1964..... | 4,873 | n.a. | 4,344 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 226,865 | 1,317,249 | 182,188 | 328,517 | 970,777 | 5,806 | 5,328 | 12,283 | 2.31 | 2.96 | 1,803 | |
| 1963..... | 210,388 | 1,463,491 | 170,323 | 329,696 | 1,111,308 | 6,956 | 6,525 | 39,008 | 5.98 | 3.37 | 1,936 | |
| 1964..... | 223,845 | 1,629,664 | 183,972 | 366,708 | 1,258,247 | 7,280 | 6,839 | 17,055 | 2.49 | 3.43 | 1,993 | |
| 1965..... | 236,239 | 1,770,443 | 194,482 | 384,669 | 1,373,639 | 7,494 | 7,063 | 18,125 | 2.57 | 3.57 | 1,978 | |
| Rhode Island: | | | | | | | | | | | | |
| 1958..... | 8,577 | 40,870 | 6,940 | 13,731 | 29,463 | 4,765 | 4,245 | 10,789 | 2.54 | 2.15 | 1,979 | |
| 1963..... | 9,096 | 48,632 | 7,594 | 15,146 | 36,568 | 5,347 | 4,815 | 12,508 | 2.60 | 2.41 | 1,994 | |
| 1964..... | 9,139 | 51,161 | 7,551 | 15,241 | 37,674 | 5,598 | 4,989 | 12,720 | 2.55 | 2.47 | 2,018 | |
| 1965..... | 9,029 | 54,348 | 7,484 | 15,354 | 40,603 | 6,019 | 5,425 | 17,335 | 3.20 | 2.64 | 2,052 | |
| South Carolina: | | | | | | | | | | | | |
| 1958..... | 704 | 2,834 | 634 | 1,290 | 2,338 | 4,026 | 3,688 | 11,771 | 3.19 | 1.81 | 2,035 | |
| 1963..... | 1,096 | 4,951 | 1,029 | 2,016 | 4,377 | 4,517 | 4,254 | 10,859 | 2.55 | 2.17 | 1,959 | |
| 1964..... | 1,178 | 5,880 | 1,104 | 2,315 | 5,152 | 4,992 | 4,667 | 12,360 | 2.65 | 2.23 | 2,097 | |
| 1965..... | 1,399 | 7,425 | 1,316 | 2,942 | 6,523 | 5,307 | 4,957 | 15,471 | 3.12 | 2.22 | 2,236 | |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 and 1963-65, PRIMARY METALS INDUSTRIES--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per pro- duction worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|-------------------|------------------|----------------------|--------------------|----------------------|--------------------|-----------------------------|---|---|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Tennessee: | | | | | | | | | | | | |
| 1958..... | 11,127 | 56,192 | 9,532 | 18,046 | 45,694 | 120,697 | 5,050 | 4,794 | 12,662 | 2.64 | 2.53 | 1,893 |
| 1963..... | 13,298 | 81,054 | 11,507 | 23,630 | 67,146 | 154,018 | 6,095 | 5,835 | 13,385 | 2.29 | 2.84 | 2,054 |
| 1964..... | 14,007 | 86,890 | 11,953 | 24,693 | 72,295 | 156,125 | 6,203 | 6,048 | 13,062 | 2.16 | 2.93 | 2,066 |
| 1965..... | 14,458 | 95,498 | 12,458 | 26,403 | 80,167 | 200,758 | 6,605 | 6,435 | 16,115 | 2.50 | 3.04 | 2,119 |
| Texas: | | | | | | | | | | | | |
| 1958..... | 24,134 | 130,278 | 19,514 | 39,009 | 96,358 | 297,968 | 5,398 | 4,938 | 15,269 | 3.09 | 2.47 | 1,999 |
| 1963..... | 27,868 | 176,101 | 22,753 | 46,645 | 131,833 | 380,782 | 6,319 | 5,794 | 16,735 | 2.89 | 2.83 | 2,050 |
| 1964..... | 30,042 | 196,403 | 24,484 | 51,443 | 147,130 | 460,768 | 6,538 | 6,009 | 18,819 | 3.13 | 2.86 | 2,101 |
| 1965..... | 32,684 | 219,184 | 26,573 | 55,673 | 164,140 | 525,662 | 6,706 | 6,177 | 19,782 | 3.20 | 2.95 | 2,095 |
| Utah: | | | | | | | | | | | | |
| 1958..... | 8,439 | 56,771 | 6,577 | 12,858 | 39,973 | 140,725 | 6,727 | 6,078 | 21,397 | 3.52 | 3.11 | 1,955 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Vermont: | | | | | | | | | | | | |
| 1958..... | 445 | 2,194 | 364 | 709 | 1,322 | 3,893 | 4,930 | 3,632 | 10,695 | 2.94 | 1.86 | 1,948 |
| 1963..... | 604 | 3,112 | 474 | 925 | 2,037 | 4,499 | 5,152 | 4,297 | 9,492 | 2.21 | 2.20 | 1,951 |
| 1964..... | 689 | 3,474 | 563 | 1,121 | 2,427 | 5,188 | 5,042 | 4,311 | 9,215 | 2.14 | 2.17 | 1,991 |
| 1965..... | 660 | 3,606 | 505 | 1,010 | 2,288 | 6,660 | 5,464 | 4,531 | 13,188 | 2.91 | 2.27 | 2,000 |
| Virginia: | | | | | | | | | | | | |
| 1958..... | 4,829 | 23,186 | 4,131 | 8,530 | 18,274 | 48,972 | 4,801 | 4,424 | 11,855 | 2.68 | 2.14 | 2,065 |
| 1963..... | 5,400 | 31,759 | 4,571 | 10,104 | 25,670 | 61,742 | 5,881 | 5,616 | 13,507 | 2.41 | 2.54 | 2,210 |
| 1964..... | 5,930 | 36,987 | 5,098 | 11,681 | 30,711 | 73,912 | 6,237 | 6,024 | 14,498 | 2.41 | 2.63 | 2,291 |
| 1965..... | 6,294 | 41,533 | 5,191 | 12,743 | 35,094 | 84,639 | 6,599 | 6,761 | 16,305 | 2.41 | 2.75 | 2,455 |
| Washington: | | | | | | | | | | | | |
| 1958..... | 10,320 | 63,310 | 8,374 | 16,633 | 48,908 | 172,040 | 6,135 | 5,840 | 20,545 | 3.52 | 2.94 | 1,986 |
| 1963..... | 9,768 | 70,697 | 7,991 | 16,237 | 55,063 | 202,202 | 7,238 | 6,891 | 25,304 | 3.67 | 3.39 | 2,032 |
| 1964..... | 11,139 | 80,740 | 9,457 | 18,640 | 63,695 | 191,163 | 7,248 | 6,735 | 20,214 | 3.00 | 3.42 | 1,971 |
| 1965..... | 11,710 | 87,793 | 9,857 | 19,498 | 69,223 | 244,147 | 7,497 | 7,023 | 24,769 | 3.53 | 3.55 | 1,978 |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 21,662 | 139,916 | 18,310 | 35,591 | 111,800 | 323,825 | 6,459 | 6,106 | 17,686 | 2.90 | 3.14 | 1,944 |
| 1963..... | 21,652 | 166,685 | 18,096 | 35,586 | 132,754 | 389,749 | 7,698 | 7,336 | 21,538 | 2.94 | 3.73 | 1,967 |
| 1964..... | 23,112 | 180,943 | 19,436 | 38,040 | 144,219 | 393,373 | 7,829 | 7,420 | 20,239 | 2.73 | 3.79 | 1,957 |
| 1965..... | 24,096 | 196,284 | 20,260 | 40,108 | 155,314 | 431,489 | 8,146 | 7,666 | 21,298 | 2.78 | 3.87 | 1,980 |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 25,181 | 135,822 | 19,992 | 38,408 | 99,818 | 213,947 | 5,394 | 4,993 | 10,702 | 2.14 | 2.60 | 1,921 |
| 1963..... | 28,799 | 186,001 | 23,352 | 46,922 | 142,071 | 288,579 | 6,459 | 6,084 | 12,358 | 2.03 | 3.03 | 2,009 |
| 1964..... | 30,329 | 210,895 | 24,785 | 51,719 | 163,406 | 330,906 | 6,954 | 6,593 | 13,351 | 2.03 | 3.16 | 2,087 |
| 1965..... | 30,689 | 221,771 | 25,489 | 53,660 | 173,500 | 377,149 | 7,226 | 6,807 | 14,797 | 2.17 | 3.23 | 2,105 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65 FABRICATED METAL PRODUCTS

NOTE: Data for 1964 and 1965 may be subject to high standard errors of estimate. Consult Chapter B of the Annual Survey of Manufactures, 1964 and 1965, for standard errors of estimate.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per pro- duction worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-------------------|------------------|----------------------|--------------------|----------------------|--------------------|-----------------------------|---|---|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1958..... | 12,358 | 58,305 | 10,062 | 19,644 | 42,059 | 107,671 | 4,718 | 4,180 | 10,701 | 2.56 | 2.14 | 1,952 |
| 1963..... | 13,576 | 70,434 | 10,899 | 21,282 | 50,572 | 132,425 | 5,188 | 4,640 | 12,150 | 2.62 | 2.38 | 1,953 |
| 1964..... | 13,963 | 73,319 | 11,209 | 22,443 | 53,022 | 138,977 | 5,251 | 4,730 | 12,399 | 2.62 | 2.36 | 2,002 |
| 1965..... | 15,261 | 82,928 | 11,927 | 23,773 | 57,740 | 159,315 | 5,434 | 4,841 | 13,358 | 2.76 | 2.43 | 1,993 |
| Alaska: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 34 | 387 | 29 | 69 | 308 | 705 | 11,382 | 10,621 | 24,310 | 2.29 | 4.46 | 2,379 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona: | | | | | | | | | | | | |
| 1958..... | 1,720 | 8,652 | 1,294 | 2,750 | 6,716 | 12,700 | 5,030 | 5,190 | 9,815 | 1.89 | 2.44 | 2,125 |
| 1963..... | 2,577 | 13,748 | 1,964 | 3,814 | 9,832 | 23,558 | 5,335 | 5,006 | 11,995 | 2.40 | 2.58 | 1,942 |
| 1964..... | 2,839 | 15,097 | 2,168 | 4,316 | 11,169 | 24,899 | 5,318 | 5,152 | 11,485 | 2.23 | 2.59 | 1,991 |
| 1965..... | 3,143 | 17,723 | 2,396 | 4,768 | 12,310 | 25,664 | 5,639 | 5,138 | 10,711 | 2.08 | 2.58 | 1,990 |
| Arkansas: | | | | | | | | | | | | |
| 1958..... | 2,747 | 11,152 | 2,175 | 4,463 | 8,173 | 19,464 | 4,060 | 3,758 | 8,949 | 2.38 | 1.83 | 2,052 |
| 1963..... | 4,088 | 17,207 | 3,343 | 6,917 | 12,705 | 33,859 | 4,209 | 3,800 | 10,118 | 2.67 | 1.84 | 2,069 |
| 1964..... | 4,457 | 20,110 | 3,695 | 7,635 | 14,469 | 39,852 | 4,512 | 3,916 | 10,785 | 2.75 | 1.90 | 2,066 |
| 1965..... | 5,094 | 23,789 | 4,166 | 8,937 | 17,287 | 46,050 | 4,670 | 4,150 | 11,054 | 2.66 | 1.93 | 2,145 |
| California: | | | | | | | | | | | | |
| 1958..... | 85,023 | 471,933 | 64,876 | 127,851 | 323,780 | 856,353 | 5,551 | 4,991 | 13,200 | 2.64 | 2.53 | 1,971 |
| 1963..... | 88,535 | 570,297 | 67,922 | 137,747 | 392,047 | 1,036,525 | 6,441 | 5,772 | 15,261 | 2.64 | 2.85 | 2,028 |
| 1964..... | 92,162 | 616,015 | 70,348 | 141,010 | 420,738 | 1,145,281 | 6,684 | 5,981 | 16,280 | 2.72 | 2.98 | 2,004 |
| 1965..... | 91,756 | 629,019 | 69,486 | 142,656 | 424,210 | 1,189,023 | 6,855 | 6,105 | 17,112 | 2.80 | 2.97 | 2,053 |
| Colorado: | | | | | | | | | | | | |
| 1958..... | 3,991 | 21,394 | 2,849 | 5,819 | 13,668 | 37,442 | 5,361 | 4,797 | 13,142 | 2.74 | 2.35 | 2,042 |
| 1963..... | 4,183 | 26,240 | 3,123 | 6,384 | 17,328 | 46,976 | 6,273 | 5,549 | 15,042 | 2.71 | 2.71 | 2,044 |
| 1964..... | 4,169 | 25,923 | 3,093 | 6,160 | 16,955 | 51,119 | 6,218 | 5,482 | 16,527 | 3.01 | 2.75 | 1,992 |
| 1965..... | 4,432 | 27,876 | 3,291 | 6,468 | 18,145 | 51,620 | 6,290 | 5,514 | 15,685 | 2.84 | 2.81 | 1,965 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65 FABRICATED METAL PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|-----------------------|------------------|-------------------|--------------------|---------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (\$1,000) | Wages (\$1,000) | | | | | | | |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 43,496 | 208,542 | 33,435 | 65,939 | 142,707 | 324,734 | 4,795 | 4,268 | 9,712 | 2.28 | 2.16 | 1,972 |
| 1963..... | 40,921 | 226,284 | 31,115 | 63,230 | 153,440 | 422,235 | 5,530 | 4,931 | 13,570 | 2.75 | 2.43 | 2,032 |
| 1964..... | 41,161 | 247,187 | 31,196 | 65,573 | 164,965 | 450,400 | 6,005 | 5,288 | 14,438 | 2.73 | 2.52 | 2,102 |
| 1965..... | 43,174 | 263,378 | 33,053 | 68,151 | 177,806 | 504,732 | 6,100 | 5,379 | 15,270 | 2.84 | 2.61 | 2,062 |
| Delaware: | | | | | | | | | | | | |
| 1958..... | 2,341 | 12,473 | 1,763 | 3,575 | 8,500 | 21,659 | 5,328 | 4,821 | 12,285 | 2.55 | 2.38 | 2,028 |
| 1963..... | 1,617 | 9,792 | 1,224 | 2,484 | 6,881 | 20,768 | 6,056 | 5,622 | 16,967 | 3.02 | 2.77 | 2,029 |
| 1964..... | 1,581 | 10,167 | 1,237 | 2,540 | 7,552 | 20,100 | 6,431 | 6,105 | 16,249 | 2.66 | 2.97 | 2,053 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| District of Columbia: | | | | | | | | | | | | |
| 1958..... | 549 | 2,853 | 392 | 762 | 1,769 | 4,642 | 5,197 | 4,513 | 11,842 | 2.62 | 2.32 | 1,944 |
| 1963..... | 452 | 2,811 | 396 | 710 | 2,267 | 3,814 | 6,219 | 5,725 | 9,631 | 1.68 | 3.19 | 1,793 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | 566 | 3,842 | 477 | 913 | 2,792 | 5,534 | 6,788 | 5,853 | 11,602 | 1.98 | 3.06 | 1,914 |
| Florida: | | | | | | | | | | | | |
| 1958..... | 13,706 | 58,400 | 10,586 | 20,877 | 39,421 | 104,894 | 4,261 | 3,724 | 9,909 | 2.66 | 1.89 | 1,972 |
| 1963..... | 14,459 | 71,684 | 11,193 | 22,780 | 48,869 | 137,556 | 4,958 | 4,366 | 12,289 | 2.81 | 2.15 | 2,035 |
| 1964..... | 15,613 | 78,107 | 12,192 | 25,070 | 54,093 | 154,240 | 5,003 | 4,437 | 12,651 | 2.85 | 2.16 | 2,056 |
| 1965..... | 16,758 | 87,059 | 12,742 | 26,456 | 58,948 | 164,735 | 5,195 | 4,626 | 12,929 | 2.79 | 2.23 | 2,076 |
| Georgia: | | | | | | | | | | | | |
| 1958..... | 6,973 | 28,474 | 5,499 | 10,981 | 19,655 | 48,928 | 4,083 | 3,574 | 8,898 | 2.49 | 1.79 | 1,997 |
| 1963..... | 10,787 | 51,464 | 8,975 | 18,834 | 38,739 | 104,723 | 4,771 | 4,316 | 11,668 | 2.70 | 2.06 | 2,098 |
| 1964..... | 12,158 | 60,404 | 10,070 | 21,591 | 44,825 | 121,137 | 4,968 | 4,451 | 12,029 | 2.70 | 2.08 | 2,144 |
| 1965..... | 11,996 | 61,877 | 10,015 | 20,448 | 43,698 | 113,247 | 5,158 | 4,363 | 11,308 | 2.59 | 2.14 | 2,042 |
| Hawaii: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 758 | 4,216 | 589 | 1,169 | 2,912 | 11,067 | 5,562 | 4,944 | 18,789 | 3.80 | 2.49 | 1,985 |
| 1964..... | 812 | 4,534 | 656 | 1,298 | 3,348 | 7,615 | 5,584 | 5,104 | 11,608 | 2.27 | 2.58 | 1,979 |
| 1965..... | 624 | 3,404 | 559 | 1,090 | 2,818 | 5,119 | 5,455 | 5,041 | 9,157 | 1.82 | 2.59 | 1,950 |
| Idaho: | | | | | | | | | | | | |
| 1958..... | 547 | 2,864 | 397 | 835 | 1,876 | 3,496 | 5,236 | 4,725 | 8,806 | 1.86 | 2.25 | 2,103 |
| 1963..... | 444 | 2,528 | 340 | 690 | 1,767 | 6,218 | 5,694 | 5,197 | 18,288 | 3.52 | 2.56 | 2,029 |
| 1964..... | 461 | 2,460 | 355 | 662 | 1,806 | 5,833 | 5,336 | 5,087 | 16,431 | 3.23 | 2.73 | 1,865 |
| 1965..... | 481 | 2,836 | 370 | 791 | 2,071 | 3,916 | 5,896 | 5,597 | 10,584 | 1.89 | 2.62 | 2,138 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65 FABRICATED METAL PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|-------------------|------------------|-------------------|--------------------|-------------------|-----------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | |
| Illinois: | | | | | | | | | | | |
| 1958..... | 127,744 | 685,266 | 99,023 | 196,024 | 474,593 | 1,201,275 | 5,364 | 12,131 | 2.53 | 2.42 | 1,980 |
| 1963..... | 121,879 | 747,508 | 96,352 | 197,039 | 531,644 | 1,366,458 | 6,133 | 14,182 | 2.57 | 2.70 | 2,045 |
| 1964..... | 125,084 | 798,486 | 98,483 | 204,721 | 567,784 | 1,484,876 | 6,384 | 15,077 | 2.62 | 2.77 | 2,079 |
| 1965..... | 128,803 | 855,437 | 100,111 | 210,443 | 600,346 | 1,638,101 | 6,641 | 16,363 | 2.73 | 2.85 | 2,102 |
| Indiana: | | | | | | | | | | | |
| 1958..... | 39,765 | 205,203 | 29,899 | 59,469 | 136,805 | 357,776 | 5,160 | 11,966 | 2.62 | 2.30 | 1,989 |
| 1963..... | 43,045 | 252,924 | 33,565 | 67,154 | 177,059 | 462,711 | 5,876 | 13,786 | 2.61 | 2.64 | 2,001 |
| 1964..... | 45,447 | 274,976 | 35,699 | 72,643 | 196,167 | 499,635 | 6,050 | 13,996 | 2.55 | 2.70 | 2,035 |
| 1965..... | 44,181 | 277,424 | 34,768 | 70,685 | 195,703 | 535,153 | 6,279 | 15,392 | 2.73 | 2.77 | 3,033 |
| Iowa: | | | | | | | | | | | |
| 1958..... | 8,527 | 42,413 | 6,434 | 12,988 | 27,780 | 94,219 | 4,974 | 14,644 | 3.39 | 2.14 | 2,019 |
| 1963..... | 9,249 | 51,365 | 7,009 | 14,474 | 34,923 | 101,304 | 5,554 | 14,453 | 2.90 | 2.41 | 2,065 |
| 1964..... | 9,372 | 54,425 | 7,065 | 14,777 | 36,282 | 106,555 | 5,807 | 15,082 | 2.94 | 2.46 | 2,092 |
| 1965..... | 10,771 | 64,732 | 8,191 | 17,387 | 44,575 | 132,670 | 6,010 | 16,197 | 2.98 | 2.56 | 2,123 |
| Kansas: | | | | | | | | | | | |
| 1958..... | 5,267 | 25,981 | 3,857 | 7,529 | 17,194 | 48,156 | 4,933 | 12,485 | 2.80 | 2.28 | 1,952 |
| 1963..... | 5,447 | 29,372 | 4,370 | 9,007 | 21,776 | 63,114 | 5,392 | 14,443 | 2.90 | 2.42 | 2,061 |
| 1964..... | 5,528 | 31,256 | 4,632 | 9,850 | 23,532 | 65,071 | 5,654 | 14,048 | 2.77 | 2.39 | 2,127 |
| 1965..... | 5,510 | 30,112 | 4,365 | 9,196 | 22,805 | 67,342 | 5,465 | 15,428 | 2.95 | 2.48 | 2,107 |
| Kentucky: | | | | | | | | | | | |
| 1958..... | 12,263 | 60,068 | 9,481 | 18,046 | 43,155 | 106,419 | 4,898 | 11,224 | 2.47 | 2.39 | 1,903 |
| 1963..... | 12,410 | 70,851 | 9,683 | 19,494 | 49,927 | 129,531 | 5,709 | 13,377 | 2.59 | 2.56 | 2,013 |
| 1964..... | 12,923 | 78,136 | 10,412 | 21,434 | 56,227 | 138,688 | 6,046 | 13,320 | 2.47 | 2.62 | 2,059 |
| 1965..... | 14,102 | 83,901 | 11,142 | 23,339 | 59,562 | 169,504 | 5,950 | 15,213 | 2.85 | 2.55 | 2,095 |
| Louisiana: | | | | | | | | | | | |
| 1958..... | 5,892 | 30,090 | 4,631 | 9,485 | 21,162 | 52,491 | 5,107 | 11,335 | 2.48 | 2.23 | 2,048 |
| 1963..... | 7,214 | 41,480 | 5,630 | 11,818 | 30,353 | 77,997 | 5,750 | 13,854 | 2.57 | 2.57 | 2,099 |
| 1964..... | 7,518 | 45,717 | 5,735 | 12,857 | 33,360 | 76,945 | 6,081 | 13,417 | 2.31 | 2.59 | 2,242 |
| 1965..... | 8,371 | 54,923 | 6,540 | 14,781 | 39,957 | 101,534 | 6,561 | 15,525 | 2.54 | 2.70 | 2,260 |
| Maine: | | | | | | | | | | | |
| 1958..... | 1,578 | 7,806 | 1,130 | 2,331 | 5,440 | 14,129 | 4,947 | 12,504 | 2.60 | 2.33 | 2,063 |
| 1963..... | 1,471 | 7,997 | 1,092 | 2,266 | 5,902 | 15,259 | 5,436 | 13,973 | 2.59 | 2.60 | 2,075 |
| 1964..... | 1,542 | 8,435 | 1,147 | 2,382 | 6,186 | 15,591 | 5,470 | 13,593 | 2.52 | 2.60 | 2,077 |
| 1965..... | 1,678 | 10,297 | 1,226 | 2,677 | 8,016 | 21,766 | 6,136 | 17,754 | 2.72 | 2.99 | 2,184 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65 FABRICATED METAL PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | |
| Maryland: | | | | | | | | | | | |
| 1958..... | 14,477 | 72,856 | 11,297 | 22,329 | 52,169 | 135,399 | 5,033 | 4,618 | 11,985 | 2.60 | 1,977 |
| 1963..... | 13,340 | 81,547 | 10,385 | 21,680 | 58,522 | 153,270 | 6,113 | 5,635 | 14,759 | 2.62 | 2,088 |
| 1964..... | 13,349 | 82,858 | 10,208 | 21,055 | 58,802 | 135,599 | 6,207 | 5,760 | 13,284 | 2.31 | 2,063 |
| 1965..... | 14,805 | 89,651 | 11,191 | 23,368 | 64,483 | 175,912 | 6,055 | 5,762 | 15,719 | 2.73 | 2,088 |
| Massachusetts: | | | | | | | | | | | |
| 1958..... | 40,941 | 195,247 | 31,110 | 61,819 | 131,135 | 356,402 | 4,769 | 4,215 | 11,456 | 2.72 | 1,987 |
| 1963..... | 39,608 | 222,180 | 30,030 | 62,047 | 151,375 | 450,999 | 5,609 | 5,041 | 15,018 | 2.98 | 2,066 |
| 1964..... | 40,182 | 236,521 | 30,451 | 63,785 | 157,641 | 475,818 | 5,886 | 5,177 | 15,626 | 3.02 | 2,095 |
| 1965..... | 41,695 | 250,278 | 31,881 | 67,241 | 169,743 | 529,388 | 6,003 | 5,324 | 16,605 | 3.12 | 2,109 |
| Michigan: | | | | | | | | | | | |
| 1958..... | 79,052 | 433,033 | 59,857 | 119,270 | 293,054 | 677,117 | 5,478 | 4,896 | 11,312 | 2.31 | 1,993 |
| 1963..... | 86,619 | 549,809 | 69,805 | 146,473 | 400,621 | 1,025,281 | 6,347 | 5,739 | 14,688 | 2.56 | 2,098 |
| 1964..... | 92,919 | 611,628 | 75,375 | 158,874 | 446,166 | 1,141,127 | 6,582 | 5,919 | 15,139 | 2.56 | 2,108 |
| 1965..... | 101,498 | 688,107 | 81,979 | 173,209 | 500,221 | 1,318,117 | 6,780 | 6,102 | 16,079 | 2.64 | 2,113 |
| Minnesota: | | | | | | | | | | | |
| 1958..... | 12,140 | 62,082 | 9,575 | 19,274 | 43,036 | 117,232 | 5,114 | 4,495 | 12,244 | 2.72 | 2,013 |
| 1963..... | 13,279 | 78,200 | 10,607 | 21,497 | 56,122 | 142,036 | 5,889 | 5,291 | 13,391 | 2.53 | 2,027 |
| 1964..... | 13,738 | 83,300 | 10,978 | 22,145 | 59,833 | 161,220 | 6,063 | 5,450 | 14,686 | 2.69 | 2,017 |
| 1965..... | 14,909 | 96,965 | 11,480 | 23,798 | 64,915 | 165,969 | 6,504 | 5,655 | 14,457 | 2.56 | 2,073 |
| Mississippi: | | | | | | | | | | | |
| 1958..... | 2,698 | 9,596 | 2,299 | 4,514 | 7,300 | 20,009 | 3,557 | 3,175 | 8,703 | 2.74 | 1,963 |
| 1963..... | 5,196 | 23,623 | 4,390 | 9,401 | 17,447 | 51,275 | 4,546 | 3,974 | 11,680 | 2.94 | 2,141 |
| 1964..... | 6,168 | 28,480 | 5,253 | 11,718 | 21,826 | 70,224 | 4,617 | 4,155 | 13,368 | 3.22 | 2,231 |
| 1965..... | 6,608 | 32,781 | 5,597 | 12,525 | 23,976 | 68,096 | 4,961 | 4,284 | 12,167 | 2.84 | 2,238 |
| Missouri: | | | | | | | | | | | |
| 1958..... | 24,925 | 127,150 | 18,859 | 37,494 | 85,345 | 225,547 | 5,101 | 4,525 | 11,960 | 2.64 | 1,988 |
| 1963..... | 24,303 | 144,927 | 18,702 | 37,833 | 100,931 | 272,854 | 5,963 | 5,397 | 14,590 | 2.70 | 2,023 |
| 1964..... | 25,416 | 159,053 | 19,852 | 41,134 | 112,224 | 281,012 | 6,258 | 5,653 | 14,155 | 2.50 | 2,072 |
| 1965..... | 26,053 | 162,118 | 19,972 | 40,354 | 112,394 | 302,330 | 6,223 | 5,628 | 15,138 | 2.69 | 2,021 |
| Montana: | | | | | | | | | | | |
| 1958..... | 317 | 1,557 | 234 | 440 | 1,048 | 2,461 | 4,912 | 4,479 | 10,517 | 2.35 | 1,880 |
| 1963..... | 282 | 1,565 | 201 | 389 | 1,059 | 3,184 | 5,550 | 5,269 | 15,841 | 3.01 | 1,935 |
| 1964..... | 310 | 1,754 | 223 | 441 | 1,215 | 3,524 | 5,658 | 5,448 | 15,803 | 2.90 | 1,978 |
| 1965..... | 302 | 1,729 | 216 | 444 | 1,179 | 2,796 | 5,725 | 5,458 | 12,944 | 2.37 | 2,056 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65 FABRICATED METAL PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per pro- duction worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Nebraska: | | | | | | | | | | | | |
| 1958..... | 3,583 | 17,616 | 2,767 | 5,852 | 11,625 | 39,552 | 4,917 | 4,201 | 14,294 | 3.40 | 1.99 | 2,115 |
| 1963..... | 3,845 | 21,226 | 2,831 | 5,706 | 13,054 | 40,312 | 5,520 | 4,611 | 14,239 | 3.09 | 2.29 | 2,016 |
| 1964..... | 4,350 | 21,429 | 2,766 | 5,890 | 13,845 | 51,938 | 4,926 | 5,005 | 18,777 | 3.75 | 2.35 | 2,129 |
| 1965..... | 3,754 | 21,535 | 2,836 | 5,907 | 13,903 | 54,161 | 5,737 | 4,902 | 19,098 | 3.90 | 2.35 | 2,083 |
| Nevada: | | | | | | | | | | | | |
| 1958..... | 120 | 672 | 88 | 177 | 456 | 1,089 | 5,600 | 5,182 | 12,375 | 2.39 | 2.58 | 2,011 |
| 1963..... | 233 | 1,434 | 178 | 349 | 1,061 | 1,459 | 6,155 | 5,961 | 8,197 | 1.38 | 3.04 | 1,961 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire: | | | | | | | | | | | | |
| 1958..... | 1,593 | 6,554 | 1,301 | 2,625 | 4,788 | 10,695 | 4,114 | 3,680 | 8,221 | 2.23 | 1.82 | 2,018 |
| 1963..... | 2,107 | 10,087 | 1,731 | 3,571 | 7,150 | 17,535 | 4,787 | 4,131 | 10,130 | 2.45 | 2.00 | 2,063 |
| 1964..... | 2,244 | 10,873 | 1,752 | 3,854 | 7,473 | 20,083 | 4,845 | 4,265 | 11,463 | 2.69 | 1.94 | 2,200 |
| 1965..... | 2,273 | 11,768 | 1,865 | 3,982 | 8,630 | 25,427 | 5,177 | 4,627 | 13,634 | 2.95 | 2.17 | 2,135 |
| New Jersey: | | | | | | | | | | | | |
| 1958..... | 53,279 | 277,795 | 41,562 | 81,853 | 195,249 | 508,042 | 5,214 | 4,698 | 12,224 | 2.60 | 2.39 | 1,969 |
| 1963..... | 57,451 | 355,299 | 44,763 | 92,435 | 250,752 | 692,037 | 6,184 | 5,602 | 15,460 | 2.76 | 2.71 | 2,065 |
| 1964..... | 57,414 | 374,045 | 44,834 | 93,531 | 263,865 | 705,884 | 6,515 | 5,885 | 15,744 | 2.68 | 2.82 | 2,086 |
| 1965..... | 59,050 | 397,102 | 45,982 | 98,450 | 282,321 | 755,028 | 6,725 | 6,140 | 16,420 | 2.67 | 2.87 | 2,141 |
| New Mexico: | | | | | | | | | | | | |
| 1958..... | 492 | 2,146 | 380 | 754 | 1,437 | 4,075 | 4,362 | 3,782 | 10,724 | 2.84 | 1.91 | 1,984 |
| 1963..... | 334 | 1,614 | 274 | 565 | 1,180 | 2,938 | 4,832 | 4,307 | 10,723 | 2.49 | 2.09 | 2,062 |
| 1964..... | 250 | 1,385 | 185 | 323 | 945 | 3,838 | 5,540 | 5,108 | 20,746 | 4.06 | 2.93 | 1,746 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| New York: | | | | | | | | | | | | |
| 1958..... | 88,272 | 431,907 | 69,770 | 138,813 | 307,092 | 738,471 | 4,893 | 4,401 | 10,584 | 2.40 | 2.21 | 1,990 |
| 1963..... | 86,191 | 491,640 | 67,421 | 137,069 | 342,981 | 865,811 | 5,704 | 5,087 | 12,842 | 2.52 | 2.50 | 2,033 |
| 1964..... | 87,167 | 510,508 | 67,837 | 138,589 | 353,594 | 908,463 | 5,857 | 5,212 | 13,392 | 2.57 | 2.55 | 2,043 |
| 1965..... | 88,771 | 538,043 | 70,394 | 142,559 | 374,295 | 962,765 | 6,061 | 5,317 | 13,677 | 2.57 | 2.63 | 2,025 |
| North Carolina: | | | | | | | | | | | | |
| 1958..... | 6,320 | 25,722 | 5,029 | 9,669 | 17,082 | 43,895 | 4,070 | 3,397 | 8,728 | 2.57 | 1.77 | 1,923 |
| 1963..... | 9,063 | 43,219 | 7,260 | 15,477 | 29,235 | 75,021 | 4,769 | 4,027 | 10,333 | 2.57 | 1.89 | 2,132 |
| 1964..... | 10,201 | 50,532 | 8,087 | 17,176 | 34,080 | 100,860 | 4,954 | 4,214 | 12,472 | 2.96 | 1.98 | 2,124 |
| 1965..... | 10,790 | 56,285 | 8,512 | 17,826 | 38,648 | 121,132 | 5,216 | 4,540 | 14,231 | 3.13 | 2.17 | 2,094 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65 FABRICATED METAL PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| North Dakota: | | | | | | | | | | | | |
| 1958..... | 270 | 1,260 | 193 | 385 | 795 | 4,667 | 4,119 | 11,321 | 2.75 | 2.06 | | 1,995 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | | n.a. |
| Ohio: | | | | | | | | | | | | |
| 1958..... | 113,267 | 597,890 | 85,509 | 167,166 | 409,458 | 5,279 | 4,788 | 12,107 | 2.53 | 2.45 | | 1,955 |
| 1963..... | 115,296 | 713,431 | 88,712 | 180,105 | 497,341 | 6,188 | 5,606 | 15,171 | 2.71 | 2.76 | | 2,030 |
| 1964..... | 116,744 | 753,176 | 89,173 | 184,908 | 521,535 | 6,452 | 5,849 | 15,620 | 2.67 | 2.82 | | 2,074 |
| 1965..... | 126,299 | 838,895 | 97,245 | 200,913 | 584,944 | 6,642 | 6,015 | 16,946 | 2.82 | 2.91 | | 2,066 |
| Oklahoma: | | | | | | | | | | | | |
| 1958..... | 7,862 | 39,957 | 5,477 | 11,272 | 23,614 | 5,082 | 4,311 | 13,209 | 3.06 | 2.09 | | 2,058 |
| 1963..... | 7,889 | 44,155 | 5,973 | 12,559 | 28,551 | 5,597 | 4,780 | 14,052 | 2.94 | 2.27 | | 2,103 |
| 1964..... | 8,661 | 48,236 | 6,578 | 13,583 | 32,363 | 5,569 | 4,920 | 15,319 | 3.11 | 2.38 | | 2,065 |
| 1965..... | 9,722 | 55,901 | 7,350 | 15,306 | 35,542 | 5,750 | 4,836 | 15,255 | 3.15 | 2.32 | | 2,082 |
| Oregon: | | | | | | | | | | | | |
| 1958..... | 5,002 | 25,692 | 3,839 | 7,242 | 17,956 | 5,136 | 4,677 | 12,154 | 2.60 | 2.48 | | 1,886 |
| 1963..... | 4,938 | 30,739 | 3,750 | 7,204 | 21,105 | 6,225 | 5,628 | 15,634 | 2.78 | 2.93 | | 1,921 |
| 1964..... | 4,411 | 29,822 | 3,212 | 6,759 | 20,860 | 6,761 | 6,494 | 17,426 | 2.68 | 3.09 | | 2,104 |
| 1965..... | 5,043 | 34,117 | 3,744 | 7,443 | 23,266 | 6,765 | 6,214 | 16,490 | 2.65 | 3.13 | | 1,988 |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 115,169 | 596,499 | 88,474 | 170,551 | 415,993 | 5,179 | 4,702 | 11,441 | 2.43 | 2.44 | | 1,028 |
| 1963..... | 104,800 | 624,197 | 81,175 | 161,399 | 445,438 | 5,956 | 5,487 | 13,377 | 2.44 | 2.76 | | 1,988 |
| 1964..... | 106,076 | 656,969 | 82,019 | 164,488 | 464,979 | 6,193 | 5,669 | 14,115 | 2.49 | 2.83 | | 2,005 |
| 1965..... | 107,974 | 690,515 | 83,697 | 170,425 | 492,224 | 6,395 | 5,881 | 15,062 | 2.56 | 2.89 | | 2,036 |
| Rhode Island: | | | | | | | | | | | | |
| 1958..... | 7,899 | 34,352 | 6,390 | 12,563 | 24,208 | 4,349 | 3,788 | 8,766 | 2.31 | 1.93 | | 1,966 |
| 1963..... | 7,606 | 36,628 | 6,121 | 12,151 | 26,070 | 4,816 | 4,259 | 10,904 | 2.56 | 2.15 | | 1,985 |
| 1964..... | 7,946 | 41,848 | 6,384 | 12,707 | 29,643 | 5,267 | 4,643 | 11,910 | 2.56 | 2.33 | | 1,990 |
| 1965..... | 7,936 | 40,895 | 6,475 | 12,160 | 29,471 | 5,153 | 4,552 | 12,442 | 2.73 | 2.42 | | 1,878 |
| South Carolina: | | | | | | | | | | | | |
| 1958..... | 1,992 | 7,644 | 1,512 | 2,854 | 4,916 | 3,837 | 3,251 | 10,732 | 3.30 | 1.72 | | 1,888 |
| 1963..... | 4,008 | 17,978 | 3,022 | 6,506 | 11,889 | 4,486 | 3,934 | 11,546 | 2.93 | 1.83 | | 2,153 |
| 1964..... | 4,311 | 20,107 | 3,371 | 7,255 | 13,800 | 4,664 | 4,094 | 12,347 | 3.02 | 1.90 | | 2,152 |
| 1965..... | 4,407 | 21,834 | 3,521 | 7,910 | 15,545 | 4,954 | 4,415 | 11,289 | 2.56 | 1.97 | | 2,247 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65 FABRICATED METAL PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| South Dakota: | | | | | | | | | | | | |
| 1958..... | 473 | 2,137 | 348 | 746 | 1,311 | 4,250 | 4,518 | 3,767 | 12,213 | 3.24 | 1.76 | 2,144 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee: | | | | | | | | | | | | |
| 1958..... | 15,611 | 67,018 | 12,185 | 23,381 | 47,247 | 110,601 | 4,293 | 3,877 | 9,077 | 2.34 | 2.02 | 1,919 |
| 1963..... | 17,220 | 84,897 | 13,448 | 26,455 | 58,338 | 148,040 | 4,930 | 4,338 | 11,008 | 2.54 | 2.21 | 1,967 |
| 1964..... | 18,071 | 94,394 | 13,887 | 28,460 | 65,202 | 161,267 | 5,224 | 4,695 | 11,613 | 2.47 | 2.29 | 2,049 |
| 1965..... | 18,462 | 94,850 | 14,579 | 28,999 | 65,382 | 170,026 | 5,138 | 4,485 | 11,662 | 2.60 | 2.25 | 1,989 |
| Texas: | | | | | | | | | | | | |
| 1958..... | 28,827 | 134,674 | 21,744 | 43,910 | 90,177 | 239,009 | 4,672 | 4,147 | 10,992 | 2.65 | 2.05 | 2,019 |
| 1963..... | 32,993 | 177,142 | 25,269 | 53,231 | 121,706 | 308,572 | 5,369 | 4,816 | 12,211 | 2.54 | 2.29 | 2,107 |
| 1964..... | 34,156 | 192,189 | 26,443 | 55,936 | 132,322 | 353,506 | 5,627 | 5,004 | 13,369 | 2.67 | 2.37 | 2,115 |
| 1965..... | 38,194 | 221,957 | 29,373 | 62,865 | 152,877 | 421,145 | 5,811 | 5,205 | 14,338 | 2.75 | 2.43 | 2,140 |
| Utah: | | | | | | | | | | | | |
| 1958..... | 2,792 | 13,845 | 2,137 | 4,294 | 9,924 | 21,390 | 4,959 | 4,644 | 10,009 | 2.16 | 2.31 | 2,009 |
| 1963..... | 2,639 | 15,420 | 2,071 | 4,263 | 11,888 | 28,851 | 5,843 | 5,740 | 13,931 | 2.43 | 2.79 | 2,058 |
| 1964..... | 2,214 | 13,952 | 1,828 | 3,669 | 11,130 | 27,048 | 6,302 | 6,089 | 14,796 | 2.43 | 3.03 | 2,007 |
| 1965..... | 2,432 | 14,202 | 1,908 | 3,671 | 10,640 | 33,112 | 5,840 | 5,577 | 17,354 | 3.11 | 2.90 | 1,924 |
| Vermont: | | | | | | | | | | | | |
| 1958..... | 531 | 2,433 | 417 | 814 | 1,606 | 4,570 | 4,582 | 3,851 | 10,959 | 2.85 | 1.97 | 1,952 |
| 1963..... | 575 | 2,875 | 455 | 948 | 1,987 | 5,160 | 5,000 | 4,367 | 11,341 | 2.60 | 2.10 | 2,084 |
| 1964..... | 599 | 3,197 | 495 | 1,018 | 2,189 | 5,756 | 5,337 | 4,422 | 11,628 | 2.63 | 2.15 | 2,057 |
| 1965..... | 1,004 | 7,218 | 824 | 1,605 | 5,146 | 8,637 | 7,189 | 6,245 | 10,482 | 1.68 | 3.21 | 1,948 |
| Virginia: | | | | | | | | | | | | |
| 1958..... | 8,325 | 39,552 | 5,738 | 11,570 | 22,658 | 57,644 | 4,751 | 3,949 | 10,046 | 2.54 | 1.96 | 2,016 |
| 1963..... | 9,926 | 52,154 | 7,531 | 15,534 | 33,530 | 100,642 | 5,254 | 4,452 | 13,364 | 3.00 | 2.16 | 2,063 |
| 1964..... | 9,805 | 56,051 | 7,546 | 16,814 | 37,695 | 124,491 | 5,717 | 4,995 | 16,498 | 3.30 | 2.24 | 2,228 |
| 1965..... | 11,420 | 64,492 | 8,647 | 18,752 | 41,899 | 143,331 | 5,647 | 4,845 | 16,576 | 3.42 | 2.23 | 2,169 |
| Washington: | | | | | | | | | | | | |
| 1958..... | 6,661 | 36,845 | 5,165 | 9,766 | 26,326 | 65,122 | 5,531 | 5,097 | 12,608 | 2.47 | 2.70 | 1,891 |
| 1963..... | 6,021 | 40,802 | 4,754 | 9,154 | 29,978 | 76,474 | 6,777 | 6,306 | 16,086 | 2.55 | 3.27 | 1,926 |
| 1964..... | 6,228 | 42,954 | 4,810 | 9,529 | 31,342 | 88,456 | 6,897 | 6,516 | 18,390 | 2.82 | 3.29 | 1,981 |
| 1965..... | 6,905 | 47,842 | 5,608 | 10,974 | 36,247 | 92,683 | 6,929 | 6,463 | 16,527 | 2.56 | 3.30 | 1,957 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65 FABRICATED METAL PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 7,701 | 34,915 | 6,255 | 11,918 | 26,040 | 60,010 | 4,534 | 4,163 | 9,594 | 2.30 | 2.18 | 1,905 |
| 1963..... | 7,177 | 36,732 | 5,936 | 11,611 | 28,233 | 79,395 | 5,118 | 4,756 | 13,375 | 2.81 | 2.43 | 1,956 |
| 1964..... | 6,853 | 37,017 | 5,655 | 11,168 | 27,920 | 74,257 | 5,402 | 4,937 | 13,131 | 2.66 | 2.50 | 1,975 |
| 1965..... | 7,121 | 39,223 | 5,845 | 11,359 | 29,439 | 78,930 | 5,508 | 5,037 | 13,504 | 2.68 | 2.59 | 1,943 |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 32,752 | 171,387 | 25,158 | 50,591 | 116,196 | 311,207 | 5,233 | 4,619 | 12,370 | 2.68 | 2.30 | 2,011 |
| 1963..... | 35,803 | 211,467 | 27,623 | 56,860 | 144,568 | 376,371 | 5,906 | 5,234 | 13,625 | 2.60 | 2.54 | 2,058 |
| 1964..... | 38,260 | 227,248 | 30,361 | 61,250 | 156,698 | 415,209 | 5,940 | 5,161 | 13,676 | 2.65 | 2.56 | 2,017 |
| 1965..... | 38,287 | 245,605 | 29,472 | 62,254 | 170,422 | 456,494 | 6,415 | 5,783 | 15,489 | 2.68 | 2.74 | 2,112 |
| Wyoming: | | | | | | | | | | | | |
| 1958..... | 156 | 503 | 135 | 179 | 436 | 1,005 | 3,224 | 3,230 | 7,444 | 2.31 | 2.44 | 1,326 |
| 1963..... | 138 | 650 | 101 | 199 | 413 | 971 | 4,710 | 4,089 | 9,614 | 2.35 | 2.08 | 1,970 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-2a.--CAPITAL EXPENDITURES AND SELECTED RATIOS, PRIMARY METALS INDUSTRIES, BY STATE 1958 AND 1963-65

| Sic 33 | Capital expenditures (millions of dollars) | | | | | Average annual capital expendi- tures per \$1,000 of value added 1963-65 (dollars) | Average annual capital expendi- tures per pro- duction worker, 1963-65 (dollars) | Percent distribu- tion of primary metals industry capital expendi- tures 1963-65 |
|--|---|----------|----------|----------|----------|---|---|---|
| | Total | | | | | | | |
| | 1958 | 1963-65 | 1963 | 1964 | 1965 | | | |
| | 1958 | 1963-65 | 1963 | 1964 | 1965 | | | |
| All manufacturing..... | 9,075.8 | 41,264.7 | 11,370.9 | 13,287.2 | 16,606.6 | 66 | 1,095 | ..... |
| Primary metals indus- tries, total..... | 1,427.6 | 5,606.1 | 1,446.3 | 1,886.0 | 2,273.8 | 111 | 1,921 | 100.0 |
| Alabama..... | 76.2 | 180.2 | 43.0 | 64.6 | 72.6 | 78 | 1,697 | 3.2 |
| Alaska..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | D | 16.1 | 4.3 | 3.6 | 8.2 | 70 | 1,395 | 0.3 |
| Arkansas..... | .7 | 8.9 | 2.6 | 2.1 | 4.2 | 62 | 1,110 | 0.1 |
| California..... | 92.1 | 183.7 | 50.1 | 73.6 | 60.0 | 99 | 1,557 | 3.3 |
| Colorado..... | D | 9.9 | 2.5 | 3.3 | 4.1 | 35 | 506 | 0.2 |
| Connecticut..... | 20.5 | 67.0 | 19.8 | 24.2 | 23.0 | 59 | 1,072 | 1.2 |
| Delaware..... | 2.9 | 3.7 | 1.3 | 1.4 | 1.0 | 57 | 632 | 0.1 |
| District of Columbia..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida..... | .9 | 8.4 | 1.8 | 1.9 | 4.7 | 94 | 1,491 | 0.1 |
| Georgia..... | 1.2 | 14.3 | 2.5 | 4.7 | 7.1 | 105 | 1,513 | 0.2 |
| Hawaii..... | n.a. | n.a. | D | n.a. | n.a. | n.a. | n.a. | n.a. |
| Idaho..... | D | n.a. | D | n.a. | n.a. | n.a. | n.a. | n.a. |
| Illinois..... | 142.8 | 358.3 | 94.8 | 104.7 | 158.8 | 86 | 1,410 | 6.4 |
| Indiana..... | 206.9 | 1,295.3 | 249.4 | 515.4 | 530.5 | 274 | 5,209 | 23.1 |
| Iowa..... | 2.4 | 42.8 | 11.7 | 15.4 | 15.7 | 132 | 2,162 | 0.7 |
| Kansas..... | 1.3 | n.a. | D | n.a. | n.a. | n.a. | n.a. | n.a. |
| Kentucky..... | 14.1 | n.a. | D | D | D | n.a. | n.a. | n.a. |
| Louisiana..... | .7 | 9.9 | 3.2 | .9 | 5.8 | 38 | 987 | 0.2 |
| Maine..... | Z | n.a. | .2 | n.a. | .1 | n.a. | n.a. | n.a. |
| Maryland..... | 22.7 | 164.0 | 46.0 | 38.6 | 79.4 | 105 | 1,826 | 2.9 |
| Massachusetts..... | 9.7 | 38.7 | 9.9 | 10.9 | 17.9 | 56 | 749 | 0.7 |
| Michigan..... | 59.4 | 439.9 | 130.0 | 125.9 | 184.0 | 113 | 2,045 | 7.8 |
| Minnesota..... | 2.4 | 7.7 | 1.9 | 3.4 | 2.4 | 32 | 504 | 0.1 |
| Mississippi..... | .4 | 1.3 | .2 | .6 | .5 | 64 | 722 | (1) |
| Missouri..... | 12.9 | 34.7 | 4.7 | 12.0 | 18.0 | 67 | 1,014 | 0.6 |
| Montana..... | D | n.a. | D | D | D | n.a. | n.a. | n.a. |
| Nebraska..... | D | 6.5 | 1.9 | 2.0 | 2.6 | 56 | 1,358 | 0.1 |
| Nevada..... | D | n.a. | D | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire..... | 1.3 | 2.4 | .5 | .8 | 1.1 | 42 | 548 | 0.04 |
| New Jersey..... | 22.4 | 85.2 | 27.6 | 24.9 | 32.7 | 61 | 1,010 | 1.5 |
| New Mexico..... | D | n.a. | D | n.a. | n.a. | n.a. | n.a. | n.a. |
| New York..... | 64.8 | 236.2 | 50.5 | 91.4 | 94.3 | 81 | 1,391 | 4.2 |
| North Carolina..... | 2.6 | 37.5 | 20.6 | 5.8 | 11.1 | 246 | 3,920 | 0.7 |
| North Dakota..... | D | n.a. | D | n.a. | n.a. | n.a. | n.a. | n.a. |
| Ohio..... | 199.9 | 871.3 | 209.6 | 339.6 | 322.1 | 120 | 2,105 | 15.5 |
| Oklahoma..... | 1.9 | 9.1 | 2.9 | 2.1 | 4.1 | 66 | 913 | 0.2 |

Table II-2a.--CAPITAL EXPENDITURES AND SELECTED RATIOS, PRIMARY METALS INDUSTRIES, BY STATE 1958 AND 1963-65--Con.

| Sic 33 | Capital expenditures (millions of dollars) | | | | | Average annual capital expendi- tures per \$1,000 of value added 1963-65 (dollars) | Average annual capital expendi- tures per pro- duction worker, 1963-65 (dollars) | Percent distribu- tion of primary metals industry capital expendi- tures 1963-65 |
|---------------------|---|---------|-------|-------|-------|---|---|---|
| | Total | | | | | | | |
| | 1958 | 1963-65 | 1963 | 1964 | 1965 | | | |
| Oregon..... | 21.0 | n.a. | D | D | n.a. | n.a. | n.a. | n.a. |
| Pennsylvania..... | 307.9 | 748.2 | 231.8 | 193.7 | 322.7 | 56 | 1,363 | 13.3 |
| Rhode Island..... | 2.8 | 14.5 | 5.3 | 3.4 | 5.8 | 45 | 640 | 0.3 |
| South Carolina..... | .2 | 5.3 | 1.2 | 2.6 | 1.5 | 117 | 1,536 | 0.1 |
| South Dakota..... | D | n.a. | D | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee..... | 5.4 | n.a. | D | D | D | n.a. | n.a. | n.a. |
| Texas..... | 15.8 | 112.2 | 20.9 | 36.5 | 54.8 | 82 | 1,520 | 2.0 |
| Utah..... | 6.5 | n.a. | D | n.a. | n.a. | n.a. | n.a. | n.a. |
| Vermont..... | .2 | 1.1 | .3 | .1 | .7 | 67 | 713 | 0.01 |
| Virginia..... | 1.8 | 15.4 | 4.5 | 4.3 | 6.6 | 70 | 1,036 | 0.3 |
| Washington..... | 16.2 | 56.8 | 10.7 | 13.4 | 32.7 | 89 | 2,080 | 1.0 |
| West Virginia..... | 61.3 | 174.2 | 37.9 | 56.7 | 80.6 | 143 | 3,014 | 3.1 |
| Wisconsin..... | 7.8 | 55.3 | 16.4 | 16.9 | 22.0 | 55 | 751 | 1.0 |
| Wyoming..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

¹ Ratio less than 0.01 percent.

Table II-2b.--CAPITAL EXPENDITURES AND SELECTED RATIOS, FABRICATED METAL PRODUCTS, BY STATE 1958 AND 1963-65

| SIC 34 | Capital expenditures (millions of dollars) | | | | | Average annual capital expendi- tures per \$1,000 of value added 1963-65 (dollars) | Average annual capital expendi- tures per pro- duction worker, 1963-65 (dollars) | Percent distri- bution of fabricated metal products capital expenditures 1963-65 |
|--|---|----------|----------|----------|----------|---|---|---|
| | Total | | | | | | | |
| | 1958 | 1963-65 | 1963 | 1964 | 1965 | | | |
| All Manufacturing..... | 9,075.8 | 41,264.7 | 11,370.9 | 13,287.2 | 16,606.6 | 66 | 1,095 | ..... |
| Fabricated metal products, total..... | 458.4 | 2,101.4 | 570.1 | 726.8 | 804.5 | 54 | 803 | 100.0 |
| Alabama..... | 5.6 | 17.5 | 4.7 | 5.0 | 7.8 | 41 | 514 | 0.8 |
| Alaska..... | n.a. | n.a. | Z | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | .8 | 3.3 | .9 | .9 | 1.5 | 44 | 506 | 0.2 |
| Arkansas..... | 1.5 | 7.8 | 1.9 | 2.9 | 3.0 | 65 | 696 | 0.4 |
| California..... | 46.9 | 201.4 | 56.5 | 63.6 | 81.3 | 60 | 969 | 9.6 |
| Colorado..... | 1.7 | 8.8 | 2.1 | 4.6 | 2.1 | 59 | 926 | 0.4 |
| Connecticut..... | 20.2 | 79.2 | 28.2 | 27.1 | 23.9 | 57 | 831 | 3.8 |
| Delaware..... | .8 | n.a. | .6 | (*) | (*) | n.a. | n.a. | n.a. |
| District of Columbia..... | .1 | n.a. | .1 | (*) | .6 | n.a. | n.a. | n.a. |
| Florida..... | 7.6 | 28.6 | 9.1 | 8.3 | 11.2 | 63 | 792 | 1.4 |
| Georgia..... | 2.4 | 22.8 | 7.5 | 5.6 | 9.7 | 67 | 784 | 1.1 |
| Hawaii..... | n.a. | 2.1 | .6 | 1.2 | .3 | 88 | 1,164 | 0.1 |
| Idaho..... | .2 | 1.1 | .3 | .5 | .3 | 69 | 1,032 | 0.1 |
| Illinois..... | 59.7 | 215.3 | 63.6 | 66.2 | 85.5 | 48 | 730 | 10.2 |
| Indiana..... | 15.0 | 71.0 | 19.7 | 22.7 | 28.6 | 47 | 682 | 3.4 |
| Iowa..... | 3.9 | 14.8 | 3.8 | 4.1 | 6.9 | 43 | 665 | 0.7 |
| Kansas..... | 1.9 | 8.2 | 2.2 | 2.9 | 3.1 | 42 | 613 | 0.4 |
| Kentucky..... | 8.1 | 31.7 | 7.7 | 10.9 | 13.1 | 72 | 1,493 | 1.5 |
| Louisiana..... | 2.1 | 11.2 | 3.5 | 4.1 | 3.6 | 44 | 625 | 0.5 |
| Maine..... | 6 | 3.0 | .7 | .7 | 1.6 | 57 | 866 | 0.1 |
| Maryland..... | 5.4 | 26.6 | 8.4 | 10.3 | 7.9 | 57 | 837 | 1.3 |
| Massachusetts..... | 13.2 | 61.5 | 20.1 | 19.0 | 22.4 | 110 | 666 | 2.9 |
| Michigan..... | 24.3 | 302.8 | 47.0 | 143.1 | 112.7 | 86 | 1,333 | 14.4 |
| Minnesota..... | 4.9 | 22.3 | 6.8 | 7.4 | 8.1 | 48 | 674 | 1.1 |
| Mississippi..... | 1.2 | 13.4 | 3.3 | 6.3 | 3.8 | 70 | 879 | 0.6 |
| Missouri..... | 7.8 | 44.7 | 13.9 | 15.8 | 15.0 | 52 | 764 | 2.1 |
| Montana..... | .1 | n.a. | .1 | (*) | (*) | n.a. | n.a. | n.a. |
| Nebraska..... | 2.1 | 8.4 | 2.3 | 3.1 | 3.0 | 57 | 996 | 0.4 |
| Nevada..... | .2 | n.a. | .1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire..... | .3 | 2.1 | .7 | .6 | .8 | 33 | 392 | 0.1 |
| New Jersey..... | 20.3 | 106.7 | 32.1 | 38.7 | 35.9 | 50 | 787 | 5.1 |
| New Mexico..... | .5 | n.a. | .1 | (*) | (*) | n.a. | n.a. | n.a. |
| New York..... | 48.9 | 123.3 | 35.7 | 35.7 | 51.9 | 45 | 599 | 5.9 |
| North Carolina..... | 2.1 | 17.7 | 6.5 | 4.3 | 6.9 | 59 | 741 | 0.8 |
| North Dakota..... | .2 | n.a. | n.a. | D | D | n.a. | n.a. | n.a. |
| Ohio..... | 46.8 | 230.5 | 61.9 | 65.6 | 103.0 | 52 | 838 | 11.0 |
| Oklahoma..... | 5.4 | 10.2 | 2.4 | 2.5 | 5.3 | 34 | 512 | 0.5 |
| Oregon..... | 2.0 | 8.4 | 2.8 | 2.4 | 3.2 | 48 | 785 | 0.4 |

Table II-2b.--CAPITAL EXPENDITURES AND SELECTED RATIOS, FABRICATED METAL PRODUCTS, BY STATE 1958 AND 1963-65--Con.

| SIC 34 | Capital expenditures (millions of dollars) | | | | | Average annual capital expendi- tures per \$1,000 of value added 1963-65 (dollars) | Average annual capital expendi- tures per pro- duction worker, 1963-65 (dollars) | Percent distri- bution of fabricated metal products capital expenditures 1963-65 |
|---------------------|---|---------|------|------|------|---|---|---|
| | Total | | | | | | | |
| | 1958 | 1963-65 | 1963 | 1964 | 1965 | | | |
| Pennsylvania..... | 46.0 | 157.1 | 45.1 | 48.3 | 63.7 | 45 | 636 | 7.5 |
| Rhode Island..... | 2.1 | 7.2 | 2.7 | 2.4 | 2.1 | 32 | 379 | 0.3 |
| South Carolina..... | 1.0 | 8.8 | 2.7 | 3.6 | 2.5 | 76 | 888 | 0.4 |
| South Dakota..... | .1 | n.a. | n.a. | D | D | n.a. | n.a. | n.a. |
| Tennessee..... | 3.5 | 30.6 | 7.7 | 14.1 | 8.8 | 64 | 730 | 1.4 |
| Texas..... | 14.5 | 57.9 | 17.8 | 15.3 | 24.8 | 53 | 705 | 2.7 |
| Utah..... | 2.0 | 2.0 | .7 | .5 | .8 | 22 | 344 | 0.1 |
| Vermont..... | .1 | 2.6 | .4 | .3 | 1.9 | 133 | 1,465 | 0.1 |
| Virginia..... | 3.0 | n.a. | 7.7 | (*) | 6.0 | n.a. | n.a. | n.a. |
| Washington..... | 3.0 | 7.7 | 2.4 | 2.6 | 2.7 | 30 | 1,489 | 0.4 |
| West Virginia..... | 4.4 | 7.0 | 2.2 | 2.2 | 2.6 | 30 | 401 | 0.3 |
| Wisconsin..... | 13.9 | 71.5 | 21.8 | 21.2 | 28.5 | 57 | 817 | 3.4 |
| Wyoming..... | .1 | n.a. | .1 | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-3.--NUMBER OF COMPANIES AND ESTABLISHMENTS METALS AND FABRICATED METAL PRODUCTS,
BY FOUR-DIGIT INDUSTRY, 1963

| SIC code | Title | Number of companies | Number of establishments | |
|---------------------------|---|---------------------------|--------------------------|-------------------------|
| | | | Total | 20 or more employees |
| PRIMARY METALS | | | | |
| 3312 | Blast Furnaces and Steel Mills..... | 161 | 288 | 247 |
| 3313 | Electrometallurgical Products..... | 20 | 36 | 30 |
| 3315 | Steel Wire Drawing, etc..... | 171 | 200 | 133 |
| 3316 | Cold Finishing of Steel Shapes..... | 59 | 81 | 68 |
| 3317 | Steel Pipe and Tube..... | 114 | 141 | 115 |
| 3321 | Gray Iron Foundries..... | 1,062 | 1,139 | 767 |
| 3322 | Malleable Iron Foundries..... | 76 | 81 | 71 |
| 3323 | Steel Foundries..... | 222 | 267 | 220 |
| 3331 | Primary Copper..... | 13 | 33 | 33 |
| 3332 | Primary Lead..... | 6 | 10 | 10 |
| 3333 | Primary Zinc..... | 11 | 18 | 18 |
| 3334 | Primary Aluminum..... | 7 | 23 | 22 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 32 | 35 | 26 |
| 3341 | Secondary Nonferrous Metals..... | 406 | 459 | 179 |
| 3351 | Copper Rolling and Drawing..... | 81 | 112 | 92 |
| 3352 | Aluminum Rolling and Drawing..... | 166 | 212 | 153 |
| 3356 | Rolling and Drawing, n.e.c..... | 108 | 125 | 67 |
| 3357 | Nonferrous Wire Drawing, etc..... | 210 | 299 | 227 |
| 3361 | Aluminum Castings..... | 926 | 954 | 321 |
| 3362 | Brass, Bronze, Copper Castings..... | 535 | 549 | 193 |
| 3369 | Nonferrous Castings, n.e.c..... | 386 | 391 | 165 |
| 3391 | Iron and Steel Forgings..... | 248 | 272 | 189 |
| 3392 | Nonferrous Forgings..... | 32 | 34 | 19 |
| 3399 | Primary Metal Industries, n.e.c..... | 695 | 754 | 218 |
| FABRICATED METAL PRODUCTS | | | | |
| 3411 | Metal Cans..... | 99 | 270 | 206 |
| 3421 | Cutlery..... | 156 | 161 | 67 |
| 3423 | Hand and Edge Tools..... | 681 | 716 | 255 |
| 3425 | Hand Saws and Saw Blades..... | 70 | 76 | 42 |
| 3429 | Hardware, n.e.c..... | 1,025 | 1,069 | 446 |
| 3431 | Plumbing Fixtures, Metal..... | 75 | 81 | 45 |
| 3432 | Plumbing Fittings, Brass Goods..... | 247 | 250 | 102 |
| 3433 | Heating Equipment, Except Electric..... | 611 | 648 | 280 |
| 344X | Architectural, Ornamental and miscellaneous metal work. | NA | 2,031 | 419 |
| 3441 | Fabricated Structural Steel..... | 1,636 | 1,718 | 817 |
| 3442 | Metal Doors, Sash and Trim..... | 1,712 | 1,817 | 628 |
| 3443 | Boiler Shop Products..... | 1,301 | 1,383 | 601 |
| 3444 | Sheet Metal Work..... | 3,139 | 3,250 | 755 |
| 3451 | Screw Machine Products..... | 1,861 | 1,874 | 516 |
| 3452 | Bolts, Nuts, Rivets and Washers..... | 504 | 573 | 323 |
| 3461 | Metal Stampings..... | 2,491 | 2,574 | 1,116 |
| 3471 | Plating and Polishing..... | 2,968 | 3,023 | 677 |
| 3479 | Metal Coating, Engraving, etc..... | 1,227 | 1,258 | 276 |
| 3481 | Fabricated Wire Products, n.e.c..... | 1,464 | 1,567 | 557 |

Table II-3.--NUMBER OF COMPANIES AND ESTABLISHMENTS METALS AND FABRICATED METAL PRODUCTS,
BY FOUR-DIGIT INDUSTRY, 1963--Con.

| SIC code | Title | Number of companies | Number of establishments | |
|-------------|---------------------------------------|---------------------------|--------------------------|-------------------------|
| | | | Total | 20 or more employees |
| | FABRICATED METAL PRODUCTS--Continued | | | |
| 3491 | Metal Barrels, Drums and Pails..... | 95 | 145 | 93 |
| 3492 | Safes and Vaults..... | 28 | 32 | 15 |
| 3493 | Steel Springs..... | 91 | 96 | 49 |
| 3494 | Valves and Pipe Fittings..... | 580 | 646 | 374 |
| 3496 | Collapsible Tubes..... | 18 | 24 | 19 |
| 3497 | Metal Foil and Leaf..... | 56 | 67 | 40 |
| 3498 | Fabricated Pipe and Fittings..... | 328 | 349 | 146 |
| 3499 | Fabricated Metal Products, n.e.c..... | 1,254 | 1,277 | 346 |

Table II-4.—GENERAL STATISTICS AND SELECTED RATIOS, METALS AND FABRICATED METAL PRODUCTS, BY 4-DIGIT INDUSTRY, 1958-1966

PRIMARY METALS**SIC 3312 BLAST FURNACES & STEEL MILLS**

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|---------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 511,392 | 3,183,483 | 417,216 | 765,941 | 2,415,959 | 6,062,227 | 13,422,585 | 959,033 |
| 1959 | 507,540 | 3,448,374 | 419,385 | 776,515 | 2,636,672 | 6,823,398 | 15,628,664 | 669,266 |
| 1960 | 549,956 | 3,629,384 | 449,616 | 831,797 | 2,777,234 | 6,844,374 | 15,738,776 | 1,190,707 |
| 1961 | 503,417 | 3,523,170 | 409,098 | 767,626 | 2,670,185 | 6,546,304 | 14,873,318 | 805,462 |
| 1962 | 502,202 | 3,612,064 | 406,627 | 764,643 | 2,753,197 | 6,620,897 | 15,571,583 | 707,767 |
| 1963 | 500,550 | 3,711,639 | 412,311 | 791,364 | 2,892,006 | 7,506,433 | 16,417,981 | 908,440 |
| 1964 | 532,860 | 4,117,920 | 443,876 | 880,913 | 3,249,702 | 8,479,602 | 18,840,101 | 1,282,861 |
| 1965 | 565,366 | 4,431,643 | 464,509 | 912,938 | 3,498,524 | 9,379,782 | 20,841,660 | 1,363,982 |
| 1966 | 559,396 | 4,540,660 | 460,367 | 904,859 | 3,554,086 | 9,643,650 | 21,193,296 | 1,595,895 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 45.2 | 6,225 | 5,791 | 32,172 | 14,530 | 2.509 | 3.154 | 1,836 |
| 1959 | 43.7 | 6,794 | 6,287 | 37,266 | 16,270 | 2.588 | 3.396 | 1,852 |
| 1960 | 43.5 | 6,599 | 6,177 | 35,005 | 15,223 | 2.464 | 3.339 | 1,850 |
| 1961 | 44.0 | 6,999 | 6,527 | 36,356 | 16,002 | 2.452 | 3.478 | 1,876 |
| 1962 | 42.5 | 7,192 | 6,771 | 38,295 | 16,282 | 2.405 | 3.601 | 1,880 |
| 1963 | 45.7 | 7,415 | 7,014 | 39,819 | 18,206 | 2.596 | 3.654 | 1,919 |
| 1964 | 45.0 | 7,728 | 7,321 | 42,445 | 19,104 | 2.609 | 3.689 | 1,985 |
| 1965 | 45.0 | 7,839 | 7,532 | 44,868 | 20,193 | 2.681 | 3.832 | 1,965 |
| 1966 | 45.5 | 8,117 | 7,720 | 46,036 | 20,948 | 2.713 | 3.928 | 1,966 |

SIC 3313 ELECTROMETALLURGICAL PRODUCTS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 12,689 | 71,883 | 9,304 | 18,961 | 48,988 | 178,880 | 399,122 | 16,969 |
| 1959 | 13,337 | 80,081 | 10,081 | 20,429 | 55,977 | 184,610 | 456,846 | 14,335 |
| 1960 | 12,544 | 76,062 | 9,305 | 18,378 | 52,479 | 145,278 | 380,726 | 17,185 |
| 1961 | 11,075 | 70,257 | 8,423 | 16,955 | 48,998 | 146,885 | 399,563 | 8,971 |
| 1962 | 10,954 | 72,450 | 8,345 | 17,488 | 51,516 | 160,897 | 386,440 | 15,891 |
| 1963 | 10,437 | 68,880 | 8,155 | 16,563 | 50,767 | 145,503 | 382,132 | 13,412 |
| 1964 | 10,997 | 76,408 | 9,017 | 18,742 | 59,006 | 150,836 | 437,300 | 17,598 |
| 1965 | 10,867 | 76,733 | 8,969 | 18,505 | 59,329 | 216,771 | 479,034 | 20,672 |
| 1966 | 10,269 | 75,538 | 8,343 | 16,977 | 56,027 | 197,788 | 509,293 | 23,556 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 44.8 | 5,665 | 5,265 | 42,898 | 19,226 | 3.652 | 2.584 | 2,038 |
| 1959 | 40.4 | 6,004 | 5,553 | 45,318 | 18,313 | 3.298 | 2.740 | 2,026 |
| 1960 | 38.2 | 6,064 | 5,640 | 40,916 | 15,613 | 2.768 | 2.856 | 1,975 |
| 1961 | 36.8 | 6,344 | 5,817 | 47,437 | 17,439 | 2.998 | 2.890 | 2,013 |
| 1962 | 41.6 | 6,614 | 6,173 | 46,308 | 19,281 | 3.123 | 2.966 | 2,096 |
| 1963 | 38.1 | 6,600 | 6,225 | 46,859 | 17,842 | 2.866 | 3.065 | 2,031 |
| 1964 | 34.5 | 6,948 | 6,544 | 48,497 | 16,728 | 2.556 | 3.148 | 2,079 |
| 1965 | 45.3 | 7,061 | 6,615 | 53,410 | 24,169 | 3.654 | 3.206 | 2,063 |
| 1966 | 38.8 | 7,356 | 6,715 | 61,044 | 23,707 | 3.530 | 3.300 | 2,035 |

SIC 3315 STEEL WIRE DRAWING, ETC

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 19,250 | 110,184 | 15,129 | 29,147 | 78,432 | 196,200 | 452,062 | 11,980 |
| 1959 | 20,969 | 124,953 | 16,770 | 32,616 | 90,079 | 234,353 | 536,165 | 11,295 |
| 1960 | 20,566 | 122,066 | 16,725 | 31,950 | 86,932 | 218,466 | 498,326 | 12,778 |
| 1961 | 19,801 | 121,928 | 15,483 | 30,720 | 87,270 | 221,342 | 500,339 | 12,438 |
| 1962 | 19,826 | 126,454 | 15,491 | 30,847 | 90,625 | 224,688 | 517,215 | 14,895 |
| 1963 | 21,280 | 134,636 | 16,904 | 34,367 | 97,055 | 253,009 | 592,263 | 14,002 |
| 1964 | 22,104 | 146,885 | 17,295 | 35,173 | 104,280 | 283,536 | 647,092 | 18,981 |
| 1965 | 23,998 | 165,812 | 18,865 | 39,771 | 118,655 | 332,270 | 750,251 | 20,511 |
| 1966 | 25,167 | 179,387 | 19,936 | 42,737 | 129,965 | 352,909 | 799,557 | 22,477 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 43.4 | 5,724 | 5,184 | 29,880 | 12,968 | 2.502 | 2.691 | 1,927 |
| 1959 | 43.7 | 5,959 | 5,371 | 31,972 | 13,975 | 2.602 | 2.762 | 1,945 |
| 1960 | 43.8 | 5,935 | 5,198 | 29,795 | 13,062 | 2.513 | 2.721 | 1,910 |
| 1961 | 44.2 | 6,158 | 5,637 | 32,315 | 14,296 | 2.536 | 2.841 | 1,984 |
| 1962 | 43.4 | 6,378 | 5,850 | 33,388 | 14,504 | 2.479 | 2.938 | 1,991 |
| 1963 | 42.7 | 6,327 | 5,742 | 35,037 | 14,967 | 2.607 | 2.824 | 2,033 |
| 1964 | 43.8 | 6,645 | 6,029 | 37,415 | 16,394 | 2.719 | 2.965 | 2,034 |
| 1965 | 44.3 | 6,909 | 6,290 | 39,769 | 17,613 | 2.800 | 2.983 | 2,108 |
| 1966 | 44.1 | 7,128 | 6,519 | 40,106 | 17,702 | 2.715 | 3.041 | 2,144 |

SIC 3316 COLD FINISHING OF STEEL SHAPES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 10,943 | 67,084 | 8,528 | 16,039 | 47,225 | 141,516 | 477,824 | 25,706 |
| 1959 | 12,058 | 82,176 | 9,387 | 18,616 | 58,567 | 191,192 | 645,646 | 10,211 |
| 1960 | 12,439 | 83,171 | 9,754 | 19,254 | 62,167 | 173,492 | 634,937 | 13,095 |
| 1961 | 11,393 | 79,582 | 8,808 | 17,688 | 58,414 | 158,079 | 597,614 | 12,754 |
| 1962 | 12,029 | 87,550 | 9,344 | 19,277 | 75,787 | 194,154 | 690,238 | N.A. |
| 1963 | 13,700 | 99,557 | 10,623 | 21,833 | 71,527 | 223,977 | 751,627 | 14,925 |
| 1964 | 14,200 | 108,292 | 10,855 | 23,683 | 79,279 | 222,826 | 798,136 | 11,815 |
| 1965 | 16,016 | 124,400 | 12,543 | 26,408 | 92,715 | 285,744 | 917,724 | 20,795 |
| 1966 | 16,970 | 135,731 | 13,287 | 28,109 | 99,093 | 306,584 | 975,702 | 22,484 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 29.6 | 6,130 | 5,538 | 56,030 | 16,594 | 2.997 | 2,944 | 1,881 |
| 1959 | 29.6 | 6,815 | 6,239 | 68,781 | 20,368 | 3.265 | 3.146 | 1,983 |
| 1960 | 27.3 | 6,686 | 6,373 | 65,095 | 17,787 | 2.791 | 3.229 | 1,974 |
| 1961 | 26.5 | 6,985 | 6,632 | 67,849 | 17,947 | 2.706 | 3.302 | 2,008 |
| 1962 | 28.1 | 7,278 | 8,111 | 73,870 | 20,778 | 2.562 | 3.931 | 2,063 |
| 1963 | 29.8 | 7,267 | 6,733 | 70,755 | 21,084 | 3.131 | 3.276 | 2,055 |
| 1964 | 27.9 | 7,626 | 7,303 | 73,527 | 20,527 | 2.811 | 3.348 | 2,182 |
| 1965 | 31.1 | 7,767 | 7,392 | 73,166 | 22,781 | 3.082 | 3.511 | 2,105 |
| 1966 | 31.4 | 7,998 | 7,458 | 73,433 | 23,074 | 3.094 | 3.525 | 2,116 |

SIC 3317 STEEL PIPE & TUBE

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 23,911 | 138,144 | 19,402 | 37,988 | 103,848 | 284,096 | 780,684 | 15,133 |
| 1959 | 25,568 | 161,769 | 20,403 | 40,833 | 117,113 | 366,398 | 981,452 | 18,389 |
| 1960 | 26,210 | 160,020 | 20,858 | 40,567 | 114,681 | 322,227 | 886,859 | 22,347 |
| 1961 | 24,759 | 156,369 | 19,644 | 38,553 | 112,393 | 290,303 | 825,563 | 25,784 |
| 1962 | 25,003 | 163,488 | 19,543 | 38,973 | 116,198 | 311,083 | 907,486 | 26,027 |
| 1963 | 22,882 | 153,147 | 18,270 | 37,862 | 113,656 | 295,242 | 809,009 | 23,588 |
| 1964 | 23,441 | 164,595 | 18,660 | 39,914 | 121,377 | 293,163 | 903,342 | N.A. |
| 1965 | 24,683 | 175,211 | 19,601 | 41,375 | 129,287 | 379,820 | 976,341 | 26,278 |
| 1966 | 25,997 | 194,658 | 20,893 | 44,703 | 144,372 | 416,544 | 1,072,346 | 27,988 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 36.4 | 5,777 | 5,352 | 40,237 | 14,643 | 2.736 | 2,734 | 1,958 |
| 1959 | 37.3 | 6,327 | 5,740 | 48,103 | 17,958 | 3.129 | 2.868 | 2,001 |
| 1960 | 36.3 | 6,105 | 5,498 | 42,519 | 15,449 | 2.810 | 2.827 | 1,945 |
| 1961 | 35.2 | 6,316 | 5,721 | 42,026 | 14,778 | 2.583 | 2.915 | 1,963 |
| 1962 | 34.3 | 6,539 | 5,966 | 46,435 | 15,918 | 2.677 | 2.982 | 1,994 |
| 1963 | 36.5 | 6,693 | 6,221 | 44,281 | 16,160 | 2.598 | 3.002 | 2,072 |
| 1964 | 32.5 | 7,022 | 6,505 | 48,411 | 15,711 | 2.415 | 3.041 | 2,139 |
| 1965 | 38.9 | 7,098 | 6,596 | 49,811 | 19,378 | 2.938 | 3.125 | 2,111 |
| 1966 | 38.8 | 7,488 | 6,910 | 51,326 | 19,937 | 2.885 | 3.230 | 2,140 |

SIC 3321 GRAY IRON FOUNDRIES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 112,670 | 531,152 | 96,414 | 178,006 | 418,935 | 810,758 | 1,434,701 | 32,559 |
| 1959 | 125,862 | 644,417 | 109,132 | 217,159 | 525,482 | 1,002,896 | 1,803,001 | 34,072 |
| 1960 | 121,516 | 627,498 | 104,330 | 199,652 | 503,590 | 968,427 | 1,718,773 | 53,202 |
| 1961 | 113,685 | 602,316 | 97,468 | 183,888 | 481,672 | 923,970 | 1,622,700 | 52,307 |
| 1962 | 119,234 | 675,413 | 102,822 | 204,064 | 543,179 | 1,076,146 | 1,836,197 | 60,498 |
| 1963 | 120,528 | 730,279 | 104,239 | 214,285 | 596,109 | 1,168,478 | 1,984,944 | 64,823 |
| 1964 | 126,329 | 825,229 | 109,828 | 235,612 | 679,946 | 1,353,828 | 2,286,233 | 75,910 |
| 1965 | 134,894 | 921,798 | 117,109 | 252,953 | 760,351 | 1,559,350 | 2,602,590 | 171,468 |
| 1966 | 140,709 | 978,295 | 122,142 | 259,742 | 803,004 | 1,646,364 | 2,728,235 | 221,295 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 56.5 | 4,714 | 4,345 | 14,881 | 8,409 | 1.935 | 2.353 | 1,846 |
| 1959 | 55.6 | 5,120 | 4,815 | 16,521 | 9,190 | 1.909 | 2.420 | 1,990 |
| 1960 | 56.3 | 5,164 | 4,827 | 16,474 | 9,282 | 1.923 | 2.522 | 1,914 |
| 1961 | 56.9 | 5,298 | 4,942 | 16,649 | 9,480 | 1.918 | 2.619 | 1,887 |
| 1962 | 58.6 | 5,665 | 5,283 | 17,858 | 10,466 | 1.981 | 2.662 | 1,985 |
| 1963 | 58.9 | 6,059 | 5,719 | 19,042 | 11,210 | 1.960 | 2.782 | 2,056 |
| 1964 | 59.2 | 6,532 | 6,191 | 20,816 | 12,327 | 1.991 | 2.886 | 2,145 |
| 1965 | 59.9 | 6,833 | 6,493 | 22,224 | 13,315 | 2.051 | 3.006 | 2,160 |
| 1966 | 60.3 | 6,953 | 6,574 | 22,337 | 13,479 | 2.050 | 3.092 | 2,127 |

SIC 3322 MALLEABLE IRON FOUNDRIES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 20,230 | 100,579 | 16,694 | 31,366 | 77,148 | 127,592 | 214,537 | 4,438 |
| 1959 | 24,266 | 134,962 | 20,800 | 42,362 | 108,178 | 189,099 | 299,591 | 9,601 |
| 1960 | 23,537 | 125,602 | 19,661 | 37,211 | 98,092 | 170,320 | 279,884 | 12,850 |
| 1961 | 20,821 | 118,118 | 17,296 | 33,687 | 91,934 | 164,484 | 256,955 | 9,801 |
| 1962 | 22,639 | 136,938 | 19,136 | 38,250 | 108,695 | 196,005 | 304,688 | 9,017 |
| 1963 | 22,297 | 141,967 | 18,832 | 38,789 | 112,670 | 204,557 | 317,528 | 16,283 |
| 1964 | 23,680 | 159,168 | 20,220 | 42,498 | 128,982 | 218,777 | 346,688 | 18,952 |
| 1965 | 25,102 | 178,855 | 21,472 | 45,714 | 144,590 | 279,201 | 416,175 | 21,788 |
| 1966 | 26,406 | 191,286 | 22,517 | 47,134 | 152,963 | 294,788 | 449,429 | 30,529 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 59.5 | 4,972 | 4,621 | 12,851 | 7,643 | 1.654 | 2.460 | 1,879 |
| 1959 | 63.1 | 5,562 | 5,201 | 14,403 | 9,091 | 1.748 | 2.554 | 2,037 |
| 1960 | 60.9 | 5,336 | 4,989 | 14,235 | 8,663 | 1.736 | 2.636 | 1,893 |
| 1961 | 64.0 | 5,673 | 5,315 | 14,856 | 9,510 | 1.789 | 2.729 | 1,948 |
| 1962 | 64.3 | 6,049 | 5,680 | 15,922 | 10,243 | 1.803 | 2.842 | 1,999 |
| 1963 | 64.4 | 6,367 | 5,983 | 16,861 | 10,862 | 1.816 | 2.905 | 2,060 |
| 1964 | 63.1 | 6,722 | 6,379 | 17,146 | 10,820 | 1.696 | 3.035 | 2,102 |
| 1965 | 67.1 | 7,125 | 6,734 | 19,382 | 13,003 | 1.931 | 3.163 | 2,129 |
| 1966 | 65.6 | 7,244 | 6,793 | 19,960 | 13,092 | 1.927 | 3.245 | 2,093 |

SIC 3323 STEEL FOUNDRIES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 49,133 | 254,338 | 40,134 | 74,390 | 186,778 | 383,870 | 596,276 | 22,239 |
| 1959 | 54,029 | 300,950 | 51,544 | 89,000 | 231,383 | 489,244 | 739,173 | 25,258 |
| 1960 | 50,807 | 288,073 | 45,223 | 81,816 | 219,753 | 439,099 | 700,488 | 19,221 |
| 1961 | 46,810 | 269,854 | 41,652 | 74,414 | 204,411 | 410,809 | 629,645 | 22,859 |
| 1962 | 50,506 | 303,200 | 45,204 | 83,773 | 235,983 | 484,252 | 729,688 | 23,569 |
| 1963 | 56,810 | 361,378 | 47,628 | 95,106 | 280,433 | 586,914 | 871,048 | 27,832 |
| 1964 | 62,010 | 418,348 | 52,603 | 109,031 | 329,233 | 661,559 | 987,069 | 31,389 |
| 1965 | 65,579 | 456,090 | 55,546 | 116,502 | 362,212 | 742,539 | 1,116,730 | 39,376 |
| 1966 | 70,797 | 509,597 | 59,753 | 127,038 | 402,984 | 855,212 | 1,278,952 | 53,563 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 64.4 | 5,177 | 4,654 | 14,857 | 9,565 | 2.055 | 2.511 | 1,854 |
| 1959 | 66.2 | 5,570 | 4,489 | 14,341 | 9,492 | 2.114 | 2.600 | 1,727 |
| 1960 | 62.7 | 5,670 | 4,859 | 15,490 | 9,710 | 1.998 | 2.686 | 1,809 |
| 1961 | 65.2 | 5,765 | 4,908 | 15,117 | 9,863 | 2.010 | 2.747 | 1,787 |
| 1962 | 66.4 | 6,003 | 5,220 | 16,142 | 10,713 | 2.052 | 2.817 | 1,853 |
| 1963 | 67.4 | 6,361 | 5,888 | 18,289 | 12,323 | 2.093 | 2.949 | 1,997 |
| 1964 | 67.0 | 6,746 | 6,259 | 18,765 | 12,576 | 2.009 | 3.020 | 2,073 |
| 1965 | 66.5 | 6,955 | 6,522 | 20,107 | 13,369 | 2.050 | 3.109 | 2,098 |
| 1966 | 66.9 | 7,198 | 6,744 | 21,404 | 14,312 | 2.122 | 3.172 | 2,126 |

SIC 3331 PRIMARY COPPER

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 14,722 | 77,385 | 12,397 | 24,805 | 61,645 | 166,214 | 861,087 | 19,334 |
| 1959 | 13,142 | 66,751 | 11,000 | 20,367 | 52,732 | 166,052 | 712,036 | 9,757 |
| 1960 | 16,122 | 93,845 | 13,834 | 27,488 | 74,042 | 243,433 | 1,134,290 | 10,279 |
| 1961 | 15,410 | 92,843 | 12,887 | 25,982 | 72,428 | 217,006 | 1,168,557 | 15,091 |
| 1962 | 15,256 | 95,877 | 12,793 | 25,982 | 75,704 | 246,653 | 1,207,131 | 10,413 |
| 1963 | 14,949 | 96,134 | 12,711 | 25,846 | 77,938 | 285,510 | 1,245,457 | 13,134 |
| 1964 | 14,902 | 96,393 | 12,747 | 25,056 | 77,709 | 255,855 | 1,363,508 | 9,208 |
| 1965 | 15,223 | 105,141 | 13,061 | 26,763 | 85,065 | 316,900 | 1,584,398 | 16,736 |
| 1966 | 15,760 | 113,734 | 13,417 | 27,842 | 91,886 | 362,539 | 1,701,133 | 39,907 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 19.3 | 5,256 | 4,973 | 69,459 | 13,408 | 2.696 | 2.485 | 2,001 |
| 1959 | 23.3 | 5,079 | 4,794 | 64,731 | 15,096 | 3.149 | 2.589 | 1,852 |
| 1960 | 21.5 | 5,821 | 5,352 | 81,993 | 17,597 | 3.288 | 2.694 | 1,987 |
| 1961 | 18.6 | 6,025 | 5,620 | 90,677 | 16,839 | 2.996 | 2.788 | 2,016 |
| 1962 | 20.4 | 6,285 | 5,918 | 94,359 | 19,280 | 3.258 | 2.914 | 2,031 |
| 1963 | 22.9 | 6,431 | 6,132 | 97,983 | 22,462 | 3.663 | 3.015 | 2,033 |
| 1964 | 18.8 | 6,468 | 6,096 | 106,967 | 20,072 | 3.292 | 3.101 | 1,966 |
| 1965 | 20.0 | 6,907 | 6,513 | 121,308 | 24,263 | 3.725 | 3.178 | 2,049 |
| 1966 | 21.3 | 7,217 | 6,848 | 126,789 | 27,021 | 3.946 | 3.300 | 2,075 |

SIC 3332 PRIMARY LEAD

| | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-----------------|------------------------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| YEAR | | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 3,563 | 18,182 | 2,864 | 5,687 | 13,599 | 36,325 | 316,934 | 725 |
| 1959 | 2,603 | 13,824 | 2,018 | 3,932 | 9,736 | 32,018 | 208,876 | N.A. |
| 1960 | 2,751 | 15,740 | 2,214 | 4,581 | 11,623 | 40,122 | 316,673 | 922 |
| 1961 | 2,685 | 15,378 | 2,208 | 4,453 | 11,504 | 28,933 | 282,978 | 1,680 |
| 1962 | 2,510 | 14,633 | 2,057 | 4,059 | 10,894 | 32,072 | 268,816 | 1,371 |
| 1963 | 2,578 | 14,997 | 2,125 | 4,106 | 11,156 | 24,876 | 265,072 | 964 |
| 1964 | 2,608 | 16,389 | 2,173 | 4,429 | 12,314 | 47,011 | 327,316 | 1,539 |
| 1965 | 2,621 | 16,646 | 2,186 | 4,379 | 12,576 | 52,985 | 342,223 | 5,331 |
| 1966 | 2,771 | 18,660 | 2,344 | 4,765 | 14,345 | 64,953 | 367,442 | 11,986 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 11.5 | 5,103 | 4,748 | 110,661 | 12,683 | 2.671 | 2.391 | 1,986 |
| 1959 | 15.3 | 5,311 | 4,825 | 103,506 | 15,866 | 3.289 | 2.476 | 1,948 |
| 1960 | 12.7 | 5,722 | 5,250 | 143,032 | 18,122 | 3.452 | 2.537 | 2,069 |
| 1961 | 10.2 | 5,727 | 5,210 | 128,160 | 13,104 | 2.515 | 2.583 | 2,017 |
| 1962 | 11.9 | 5,830 | 5,296 | 130,684 | 15,592 | 2.944 | 2.684 | 1,973 |
| 1963 | 9.4 | 5,817 | 5,250 | 124,740 | 11,706 | 2.230 | 2.717 | 1,932 |
| 1964 | 14.4 | 6,284 | 5,667 | 150,629 | 21,634 | 3.818 | 2.780 | 2,038 |
| 1965 | 15.5 | 6,351 | 5,753 | 156,552 | 24,238 | 4.213 | 2.872 | 2,003 |
| 1966 | 17.7 | 6,734 | 6,120 | 156,759 | 27,710 | 4.528 | 3.010 | 2,033 |

SIC 3333 PRIMARY ZINC

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 8,923 | 44,078 | 7,000 | 13,788 | 32,633 | 71,653 | 208,993 | 13,445 |
| 1959 | 8,625 | 45,500 | 6,823 | 14,446 | 33,710 | 80,581 | 236,403 | 4,080 |
| 1960 | 8,582 | 47,675 | 6,713 | 14,129 | 34,417 | 94,611 | 252,408 | 3,017 |
| 1961 | 8,361 | 46,875 | 6,739 | 14,260 | 35,655 | 84,206 | 257,410 | 2,739 |
| 1962 | 8,449 | 48,535 | 6,892 | 14,315 | 36,934 | 76,297 | 258,468 | 4,501 |
| 1963 | 8,065 | 47,760 | 6,575 | 13,245 | 36,238 | 98,789 | 281,537 | 4,734 |
| 1964 | 8,621 | 51,911 | 7,112 | 14,378 | 39,904 | 143,335 | 336,940 | 5,142 |
| 1965 | 8,443 | 53,494 | 6,927 | 13,957 | 40,615 | 126,737 | 356,088 | 7,321 |
| 1966 | 8,570 | 57,840 | 7,049 | 14,395 | 43,492 | 133,788 | 379,857 | 18,936 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 34.3 | 4,940 | 4,662 | 29,856 | 10,236 | 2.196 | 2.367 | 1,970 |
| 1959 | 34.1 | 5,275 | 4,941 | 34,648 | 11,810 | 2.390 | 2.334 | 2,117 |
| 1960 | 37.5 | 5,555 | 5,127 | 37,600 | 14,094 | 2.749 | 2.436 | 2,105 |
| 1961 | 32.7 | 5,606 | 5,291 | 38,197 | 12,495 | 2.362 | 2.500 | 2,116 |
| 1962 | 29.5 | 5,744 | 5,359 | 37,503 | 11,070 | 2.066 | 2.580 | 2,077 |
| 1963 | 35.1 | 5,922 | 5,511 | 42,819 | 15,025 | 2.726 | 2.736 | 2,014 |
| 1964 | 42.5 | 6,021 | 5,611 | 47,376 | 20,154 | 3.592 | 2.775 | 2,022 |
| 1965 | 35.6 | 6,336 | 5,863 | 51,406 | 18,296 | 3.120 | 2.910 | 2,015 |
| 1966 | 35.2 | 6,749 | 6,170 | 53,888 | 18,980 | 3.076 | 3.021 | 2,042 |

SIC 3334 PRIMARY ALUMINUM

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 17,381 | 111,588 | 13,428 | 27,738 | 82,750 | 383,836 | 808,822 | 142,293 |
| 1959 | 17,997 | 122,606 | 14,362 | 30,022 | 92,622 | 459,285 | 953,775 | 38,534 |
| 1960 | 17,848 | 123,956 | 14,120 | 29,133 | 92,498 | 472,711 | 921,215 | 26,647 |
| 1961 | 16,201 | 117,151 | 12,651 | 26,087 | 86,170 | 454,206 | 953,894 | 19,258 |
| 1962 | 17,221 | 125,584 | 13,677 | 27,924 | 94,629 | 471,980 | 1,014,921 | 10,798 |
| 1963 | 18,133 | 134,116 | 14,459 | 29,487 | 101,399 | 499,576 | 1,089,977 | 62,172 |
| 1964 | 20,332 | 146,576 | 16,701 | 32,048 | 111,864 | 549,205 | 1,191,409 | 51,804 |
| 1965 | 20,665 | 156,550 | 16,774 | 33,544 | 119,868 | 634,865 | 1,364,717 | 60,470 |
| 1966 | 21,141 | 168,119 | 17,051 | 34,715 | 127,411 | 725,057 | 1,496,221 | 65,753 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 47.5 | 6,420 | 6,162 | 60,234 | 28,585 | 4.639 | 2.983 | 2,066 |
| 1959 | 48.2 | 6,813 | 6,449 | 66,410 | 31,979 | 4.959 | 3.085 | 2,090 |
| 1960 | 51.3 | 6,945 | 6,551 | 65,242 | 33,478 | 5.110 | 3.175 | 2,063 |
| 1961 | 47.6 | 7,231 | 6,811 | 75,401 | 35,903 | 5.271 | 3.303 | 2,062 |
| 1962 | 46.5 | 7,292 | 6,919 | 74,206 | 34,509 | 4.988 | 3.389 | 2,042 |
| 1963 | 45.8 | 7,396 | 7,013 | 75,384 | 34,551 | 4.927 | 3.439 | 2,039 |
| 1964 | 46.1 | 7,209 | 6,698 | 71,338 | 32,885 | 4.910 | 3.491 | 1,919 |
| 1965 | 46.5 | 7,576 | 7,146 | 81,359 | 37,848 | 5.296 | 3.573 | 2,000 |
| 1966 | 48.5 | 7,952 | 7,472 | 87,750 | 42,523 | 5.691 | 3.670 | 2,036 |

SIC 3339 PRIMARY NONFERROUS METALS, NEC

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS MAN HOURS (\$1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-----------------|------------------------------------|--------|--|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | | | | | | | | |
| 1958 | 2,658 | 15,939 | 1,920 | 3,976 | 10,737 | 50,495 | 96,565 | 3,994 |
| 1959 | 2,651 | 17,268 | 1,941 | 4,276 | 11,920 | 54,539 | 99,154 | N.A. |
| 1960 | 4,110 | 26,417 | 3,239 | 6,961 | 19,623 | 90,042 | 149,192 | 11,479 |
| 1961 | 4,037 | 24,560 | 3,015 | 6,448 | 18,536 | 82,399 | 148,466 | 13,749 |
| 1962 | 4,886 | 30,746 | 3,657 | 7,645 | 22,205 | 93,391 | 169,668 | 6,400 |
| 1963 | 5,064 | 34,807 | 3,782 | 8,148 | 24,701 | 103,830 | 212,176 | 6,435 |
| 1964 | 4,471 | 31,887 | 3,406 | 7,269 | 22,612 | 93,709 | 204,403 | 9,173 |
| 1965 | 5,908 | 42,625 | 4,509 | 9,446 | 29,544 | 100,942 | 246,797 | 19,809 |
| 1966 | 7,273 | 56,045 | 5,505 | 11,793 | 38,843 | 138,585 | 321,398 | 33,527 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | | | | | |
| 1958 | 52.3 | 5,997 | 5,592 | 50,294 | 26,299 | 4.703 | 2.700 | 2,071 |
| 1959 | 55.0 | 6,514 | 6,141 | 51,084 | 28,098 | 4.575 | 2.788 | 2,203 |
| 1960 | 60.4 | 6,427 | 6,058 | 46,061 | 27,799 | 4.589 | 2.819 | 2,149 |
| 1961 | 55.5 | 6,084 | 6,148 | 49,242 | 27,330 | 4.445 | 2.875 | 2,139 |
| 1962 | 55.0 | 6,293 | 6,072 | 46,395 | 25,538 | 4.206 | 2.905 | 2,091 |
| 1963 | 48.9 | 6,873 | 6,531 | 56,102 | 27,454 | 4.203 | 3.032 | 2,154 |
| 1964 | 45.8 | 7,132 | 6,639 | 60,013 | 27,513 | 4.144 | 3.111 | 2,134 |
| 1965 | 40.9 | 7,215 | 6,552 | 54,734 | 22,387 | 3.417 | 3.128 | 2,095 |
| 1966 | 43.1 | 7,706 | 7,056 | 58,383 | 25,174 | 3.568 | 3.294 | 2,142 |

SIC 3341 SECONDARY NONFERROUS METALS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS MAN HOURS (\$1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-----------------|------------------------------------|--------|--|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | | | | | | | | |
| 1958 | 14,441 | 75,669 | 10,813 | 21,194 | 46,869 | 147,262 | 724,013 | 5,355 |
| 1959 | 16,203 | 89,093 | 12,571 | 26,274 | 55,863 | 166,695 | 906,072 | 7,454 |
| 1960 | 15,390 | 87,874 | 11,778 | 25,648 | 54,672 | 158,279 | 884,873 | 7,596 |
| 1961 | 15,821 | 97,122 | 12,353 | 26,893 | 62,826 | 180,823 | 957,822 | 14,876 |
| 1962 | 15,718 | 99,048 | 12,425 | 26,362 | 64,567 | 188,850 | 971,797 | N.A. |
| 1963 | 15,445 | 96,302 | 11,336 | 23,779 | 60,510 | 228,190 | 1,045,522 | 17,891 |
| 1964 | 16,472 | 110,907 | 11,854 | 25,898 | 69,952 | 265,586 | 1,290,639 | 17,250 |
| 1965 | 16,072 | 107,927 | 11,797 | 24,856 | 67,990 | 240,086 | 1,493,563 | 27,576 |
| 1966 | 16,777 | 116,913 | 12,478 | 26,336 | 74,351 | 293,349 | 1,709,175 | 29,643 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | | | | | |
| 1958 | 20.3 | 5,240 | 4,335 | 66,958 | 13,619 | 3.142 | 2.211 | 1,960 |
| 1959 | 18.4 | 5,499 | 4,444 | 72,076 | 13,260 | 2.984 | 2.126 | 2,090 |
| 1960 | 17.9 | 5,710 | 4,642 | 75,129 | 13,439 | 2.895 | 2.132 | 2,178 |
| 1961 | 18.9 | 6,139 | 5,086 | 77,538 | 14,638 | 2.878 | 2.336 | 2,177 |
| 1962 | 19.4 | 6,302 | 5,197 | 78,213 | 15,199 | 2.925 | 2.449 | 2,122 |
| 1963 | 21.8 | 6,235 | 5,338 | 92,230 | 20,130 | 3.771 | 2.545 | 2,098 |
| 1964 | 20.6 | 6,733 | 5,901 | 108,878 | 22,405 | 3.797 | 2.701 | 2,185 |
| 1965 | 16.1 | 6,715 | 5,763 | 126,605 | 20,351 | 3.531 | 2.735 | 2,107 |
| 1966 | 17.2 | 6,969 | 5,959 | 136,975 | 23,509 | 3.945 | 2.823 | 2,111 |

SIC 3351 COPPER ROLLING & DRAWING

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS MAN HOURS (\$1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-----------------|------------------------------------|--------|--|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | | | | | | | | |
| 1958 | 40,329 | 222,259 | 31,792 | 63,291 | 165,367 | 445,371 | 1,209,926 | 44,080 |
| 1959 | 43,122 | 260,085 | 34,598 | 72,492 | 198,973 | 553,938 | 1,639,306 | 25,326 |
| 1960 | 39,589 | 237,445 | 31,786 | 62,989 | 165,294 | 452,485 | 1,416,889 | 17,421 |
| 1961 | 39,417 | 250,060 | 30,854 | 62,931 | 175,081 | 473,525 | 1,479,605 | N.A. |
| 1962 | 41,223 | 269,614 | 32,404 | 67,202 | 192,235 | 476,731 | 1,654,423 | 39,407 |
| 1963 | 38,949 | 260,320 | 31,481 | 65,746 | 200,171 | 478,393 | 1,657,526 | 43,462 |
| 1964 | 39,523 | 273,649 | 31,900 | 67,264 | 210,418 | 525,948 | 1,923,506 | 34,542 |
| 1965 | 39,536 | 285,291 | 32,007 | 67,782 | 218,924 | 617,421 | 2,253,986 | 44,456 |
| 1966 | 40,859 | 314,271 | 33,312 | 72,014 | 244,058 | 897,898 | 2,846,343 | 59,908 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | | | | | |
| 1958 | 36.8 | 5,511 | 5,202 | 38,058 | 14,009 | 2.693 | 2.613 | 1,991 |
| 1959 | 33.8 | 6,031 | 5,751 | 47,382 | 16,011 | 2.784 | 2.745 | 2,095 |
| 1960 | 31.9 | 5,998 | 5,200 | 44,576 | 14,235 | 2.737 | 2.624 | 1,982 |
| 1961 | 32.0 | 6,344 | 5,674 | 47,955 | 15,347 | 2.705 | 2.782 | 2,040 |
| 1962 | 28.8 | 6,540 | 5,932 | 51,056 | 14,712 | 2.480 | 2.861 | 2,074 |
| 1963 | 28.9 | 6,684 | 6,358 | 52,652 | 15,196 | 2.390 | 3.045 | 2,088 |
| 1964 | 27.3 | 6,924 | 6,596 | 60,298 | 16,487 | 2.500 | 3.128 | 2,109 |
| 1965 | 27.4 | 7,216 | 6,840 | 70,422 | 19,290 | 2.820 | 3.230 | 2,118 |
| 1966 | 31.5 | 7,692 | 7,326 | 85,445 | 26,954 | 3.679 | 3.389 | 2,162 |

SIC 3352 ALUMINUM ROLLING & DRAWING

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|-------------------------------------|----------------------|-------------------|-----------------------------|--|-----------------|---------------------------------|--------------------------------------|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 46,879 | 272,168 | 36,443 | 75,323 | 199,643 | 537,086 | 1,562,381 | 131,817 |
| 1959 | 55,379 | 323,355 | 44,347 | 93,911 | 239,686 | 615,176 | 1,939,580 | 80,988 |
| 1960 | 52,646 | 310,465 | 40,896 | 86,124 | 224,027 | 536,779 | 1,737,734 | 76,053 |
| 1961 | 52,100 | 321,342 | 40,726 | 86,251 | 233,497 | 564,573 | 1,881,669 | 60,020 |
| 1962 | 54,432 | 343,649 | 42,796 | 89,649 | 252,826 | 611,241 | 2,016,613 | 76,588 |
| 1963 | 54,263 | 376,647 | 42,750 | 89,868 | 278,469 | 721,171 | 2,196,439 | 81,282 |
| 1964 | 56,101 | 393,530 | 44,230 | 93,572 | 292,672 | 656,372 | 2,297,167 | 72,248 |
| 1965 | 57,561 | 430,186 | 45,531 | 98,172 | 323,728 | 711,482 | 2,597,355 | 140,764 |
| 1966 | 63,358 | 491,901 | 50,743 | 109,362 | 374,237 | 861,625 | 3,099,846 | 126,426 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| | (\$) | (\$) | | (\$) | (\$) | | (\$) | |
| 1958 | 34.4 | 5,806 | 5,478 | 42,872 | 14,738 | 2.690 | 2.650 | 2,067 |
| 1959 | 31.7 | 5,839 | 5,405 | 43,736 | 13,872 | 2.567 | 2.552 | 2,118 |
| 1960 | 30.9 | 5,897 | 5,478 | 42,492 | 13,125 | 2.396 | 2.601 | 2,106 |
| 1961 | 30.0 | 6,168 | 5,733 | 46,203 | 13,863 | 2.418 | 2.707 | 2,118 |
| 1962 | 30.3 | 6,313 | 5,908 | 47,122 | 14,283 | 2.418 | 2.820 | 2,095 |
| 1963 | 32.8 | 6,941 | 6,514 | 51,379 | 16,869 | 2.590 | 3.099 | 2,102 |
| 1964 | 28.6 | 7,015 | 6,617 | 51,937 | 14,840 | 2.243 | 3.128 | 2,116 |
| 1965 | 27.4 | 7,474 | 7,110 | 57,046 | 15,626 | 2.198 | 3.298 | 2,156 |
| 1966 | 27.8 | 7,764 | 7,375 | 61,089 | 16,980 | 2.302 | 3.422 | 2,155 |

SIC 3356 ROLLING & DRAWING, NEC

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|-------------------------------------|----------------------|-------------------|-----------------------------|--|-----------------|---------------------------------|--------------------------------------|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 16,571 | 94,713 | 11,467 | 22,542 | 57,446 | 174,633 | 486,308 | 14,984 |
| 1959 | 17,764 | 108,813 | 12,608 | 25,672 | 68,224 | 216,887 | 596,196 | N.A. |
| 1960 | 17,504 | 110,716 | 12,154 | 24,420 | 67,671 | 185,239 | 608,175 | 14,141 |
| 1961 | 18,411 | 119,969 | 12,707 | 25,967 | 74,689 | 222,859 | 660,990 | 22,560 |
| 1962 | 18,580 | 124,556 | 12,919 | 26,910 | 82,147 | 216,562 | 687,713 | 24,640 |
| 1963 | 17,375 | 117,454 | 12,275 | 25,367 | 74,052 | 250,589 | 640,962 | 22,154 |
| 1964 | 17,284 | 123,772 | 11,975 | 25,634 | 76,056 | 252,532 | 690,251 | 37,831 |
| 1965 | 18,275 | 135,323 | 12,822 | 27,723 | 84,123 | 291,253 | 817,106 | 39,740 |
| 1966 | 21,324 | 166,270 | 15,114 | 32,351 | 103,861 | 380,061 | 1,051,144 | 47,745 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| | (\$) | (\$) | | (\$) | (\$) | | (\$) | |
| 1958 | 35.9 | 5,716 | 5,010 | 42,409 | 15,229 | 3.040 | 2.548 | 1,966 |
| 1959 | 36.4 | 6,125 | 5,411 | 47,287 | 17,202 | 3.179 | 2.658 | 2,036 |
| 1960 | 30.5 | 6,325 | 5,568 | 50,039 | 15,241 | 2.737 | 2.771 | 2,009 |
| 1961 | 33.7 | 6,516 | 5,878 | 52,018 | 17,538 | 2.984 | 2.876 | 2,044 |
| 1962 | 31.5 | 6,704 | 6,359 | 53,233 | 16,763 | 2.636 | 3.053 | 2,083 |
| 1963 | 39.1 | 6,760 | 6,033 | 52,217 | 20,415 | 3.384 | 2.919 | 2,067 |
| 1964 | 36.6 | 7,161 | 6,351 | 57,641 | 21,088 | 3.320 | 2.967 | 2,141 |
| 1965 | 35.6 | 7,405 | 6,561 | 63,727 | 22,715 | 3.462 | 3.034 | 2,162 |
| 1966 | 36.2 | 7,797 | 6,872 | 69,548 | 25,146 | 3.659 | 3.210 | 2,140 |

SIC 3357 NONFERROUS WIRE DRAWING, ETC

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|-------------------------------------|----------------------|-------------------|-----------------------------|--|-----------------|---------------------------------|--------------------------------------|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 51,900 | 271,910 | 39,762 | 81,711 | 190,988 | 530,105 | 1,465,999 | 35,359 |
| 1959 | 55,023 | 302,743 | 44,490 | 89,711 | 215,982 | 629,933 | 1,750,480 | 42,057 |
| 1960 | 55,252 | 311,303 | 42,081 | 87,850 | 217,791 | 619,750 | 1,744,782 | 42,930 |
| 1961 | 52,895 | 301,952 | 40,494 | 83,147 | 210,264 | 482,937 | 1,862,140 | 43,524 |
| 1962 | 54,722 | 329,730 | 42,437 | 87,841 | 230,674 | 649,343 | 1,895,947 | 45,478 |
| 1963 | 56,418 | 339,935 | 43,905 | 90,368 | 240,904 | 677,535 | 2,117,943 | 44,478 |
| 1964 | 54,569 | 347,945 | 42,693 | 90,293 | 248,111 | 763,631 | 2,320,931 | 48,081 |
| 1965 | 61,520 | 412,793 | 48,381 | 102,769 | 296,860 | 989,481 | 2,919,482 | 90,234 |
| 1966 | 68,777 | 487,797 | 54,107 | 117,079 | 348,665 | 1,341,186 | 3,711,128 | 190,021 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| | (\$) | (\$) | | (\$) | (\$) | | (\$) | |
| 1958 | 36.2 | 5,239 | 4,803 | 36,869 | 13,332 | 2.776 | 2.337 | 2,055 |
| 1959 | 36.0 | 5,502 | 4,855 | 39,345 | 14,159 | 2.917 | 2.408 | 2,016 |
| 1960 | 35.5 | 5,634 | 5,176 | 41,462 | 14,728 | 2.846 | 2.479 | 2,088 |
| 1961 | 25.9 | 5,709 | 5,192 | 45,986 | 11,926 | 2.297 | 2.529 | 2,053 |
| 1962 | 34.2 | 6,026 | 5,436 | 44,677 | 15,301 | 2.815 | 2.626 | 2,070 |
| 1963 | 32.0 | 6,025 | 5,487 | 48,239 | 15,432 | 2.812 | 2.666 | 2,058 |
| 1964 | 32.9 | 6,376 | 5,812 | 54,363 | 17,887 | 3.078 | 2.748 | 2,115 |
| 1965 | 33.9 | 6,710 | 6,136 | 60,344 | 20,452 | 3.333 | 2.889 | 2,124 |
| 1966 | 36.1 | 7,092 | 6,444 | 68,589 | 24,788 | 3.847 | 2.978 | 2,164 |

SIC 3361 ALUMINUM CASTINGS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 30,045 | 158,915 | 24,626 | 48,683 | 119,166 | 225,686 | 422,041 | 12,220 |
| 1959 | 36,394 | 197,025 | 30,479 | 61,582 | 151,262 | 291,850 | 552,754 | 23,397 |
| 1960 | 35,737 | 198,514 | 29,725 | 61,940 | 151,159 | 286,691 | 564,307 | 24,655 |
| 1961 | 34,517 | 194,827 | 28,612 | 58,618 | 147,858 | 283,416 | 555,992 | 14,913 |
| 1962 | 38,392 | 228,893 | 32,697 | 66,239 | 178,912 | 363,372 | 656,368 | 17,689 |
| 1963 | 36,216 | 222,771 | 30,746 | 63,432 | 174,155 | 343,863 | 640,193 | 18,374 |
| 1964 | 36,776 | 240,596 | 31,020 | 65,185 | 188,067 | 381,749 | 708,697 | 25,890 |
| 1965 | 39,908 | 265,341 | 33,781 | 69,831 | 206,178 | 436,186 | 813,886 | 46,552 |
| 1966 | 44,766 | 300,846 | 38,089 | 78,566 | 231,542 | 499,446 | 916,773 | 38,898 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 53.5 | 5,289 | 4,839 | 17,138 | 9,165 | 1.894 | 2.448 | 1,977 |
| 1959 | 52.8 | 5,414 | 4,963 | 18,136 | 9,575 | 1.929 | 2.456 | 2,020 |
| 1960 | 50.8 | 5,555 | 5,085 | 18,984 | 9,645 | 1.897 | 2.440 | 2,084 |
| 1961 | 51.0 | 5,644 | 5,168 | 19,432 | 9,905 | 1.917 | 2.522 | 2,049 |
| 1962 | 55.4 | 5,962 | 5,472 | 20,074 | 11,113 | 2.031 | 2.701 | 2,026 |
| 1963 | 53.7 | 6,151 | 5,664 | 20,822 | 11,184 | 1.974 | 2.746 | 2,063 |
| 1964 | 53.9 | 6,542 | 6,063 | 22,846 | 12,307 | 2.030 | 2.885 | 2,101 |
| 1965 | 53.6 | 6,649 | 6,103 | 24,093 | 12,912 | 2.116 | 2.953 | 2,067 |
| 1966 | 54.5 | 6,720 | 6,079 | 24,069 | 13,113 | 2.157 | 2.947 | 2,063 |

SIC 3362 BRASS, BRONZE, COPPER CASTINGS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 14,861 | 70,512 | 12,294 | 23,538 | 52,786 | 109,744 | 220,955 | 5,103 |
| 1959 | 16,388 | 81,015 | 13,799 | 27,340 | 61,939 | 131,703 | 267,367 | 4,539 |
| 1960 | 16,809 | 85,690 | 13,641 | 26,551 | 62,258 | 137,386 | 274,488 | 4,908 |
| 1961 | 17,173 | 89,020 | 13,991 | 27,258 | 64,819 | 149,576 | 283,832 | 3,843 |
| 1962 | 17,829 | 97,613 | 14,633 | 28,777 | 71,024 | 155,233 | 304,380 | 5,298 |
| 1963 | 15,341 | 86,350 | 12,835 | 26,052 | 65,095 | 144,092 | 287,534 | 5,394 |
| 1964 | 15,727 | 92,749 | 13,000 | 27,447 | 69,875 | 158,251 | 317,222 | N.A. |
| 1965 | 16,266 | 101,783 | 13,419 | 28,540 | 74,469 | 177,029 | 369,428 | 7,479 |
| 1966 | 17,945 | 112,703 | 15,198 | 31,923 | 84,349 | 216,873 | 451,703 | 9,875 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 49.7 | 4,745 | 4,294 | 17,973 | 8,927 | 2.079 | 2.243 | 1,915 |
| 1959 | 49.3 | 4,944 | 4,489 | 19,376 | 9,544 | 2.126 | 2.266 | 1,981 |
| 1960 | 50.1 | 5,098 | 4,564 | 20,122 | 10,072 | 2.207 | 2.345 | 1,946 |
| 1961 | 52.7 | 5,184 | 4,633 | 20,287 | 10,691 | 2.308 | 2.378 | 1,948 |
| 1962 | 51.0 | 5,475 | 4,854 | 20,801 | 10,608 | 2.186 | 2.468 | 1,967 |
| 1963 | 50.1 | 5,629 | 5,072 | 22,402 | 11,226 | 2.214 | 2.499 | 2,030 |
| 1964 | 49.9 | 5,897 | 5,375 | 24,402 | 12,173 | 2.265 | 2.546 | 2,111 |
| 1965 | 47.9 | 6,257 | 5,550 | 27,530 | 13,192 | 2.377 | 2.609 | 2,127 |
| 1966 | 48.0 | 6,280 | 5,550 | 29,721 | 14,270 | 2.571 | 2.642 | 2,100 |

SIC 3369 NONFERROUS CASTINGS, NEC

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 17,253 | 89,239 | 14,330 | 27,617 | 66,339 | 135,311 | 234,649 | 5,013 |
| 1959 | 18,309 | 98,083 | 15,477 | 31,343 | 74,685 | 151,623 | 267,699 | 6,655 |
| 1960 | 17,079 | 92,640 | 14,221 | 28,718 | 69,036 | 150,157 | 260,157 | 7,830 |
| 1961 | 14,574 | 81,744 | 11,953 | 24,226 | 60,862 | 127,825 | 222,190 | N.A. |
| 1962 | 15,779 | 90,380 | 13,218 | 27,145 | 69,432 | 149,768 | 259,438 | 5,780 |
| 1963 | 17,686 | 102,929 | 14,845 | 30,320 | 78,447 | 168,530 | 302,731 | 6,803 |
| 1964 | 17,774 | 105,914 | 14,899 | 31,458 | 81,186 | 186,538 | 329,600 | N.A. |
| 1965 | 18,758 | 114,187 | 15,945 | 36,964 | 87,578 | 195,051 | 369,784 | 10,465 |
| 1966 | 22,807 | 149,876 | 19,446 | 42,405 | 116,914 | 274,541 | 498,289 | 19,537 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 57.7 | 5,172 | 4,629 | 16,375 | 9,442 | 2.040 | 2.402 | 1,927 |
| 1959 | 56.6 | 5,357 | 4,826 | 17,297 | 9,797 | 2.030 | 2.383 | 2,025 |
| 1960 | 57.7 | 5,424 | 4,855 | 18,294 | 10,559 | 2.175 | 2.404 | 2,019 |
| 1961 | 57.5 | 5,609 | 5,092 | 18,589 | 10,694 | 2.100 | 2.512 | 2,027 |
| 1962 | 57.7 | 5,728 | 5,253 | 19,628 | 11,331 | 2.157 | 2.558 | 2,054 |
| 1963 | 55.7 | 5,820 | 5,284 | 20,393 | 11,353 | 2.148 | 2.587 | 2,042 |
| 1964 | 56.6 | 5,959 | 5,449 | 22,122 | 12,520 | 2.298 | 2.581 | 2,111 |
| 1965 | 52.7 | 6,087 | 5,493 | 23,191 | 12,233 | 2.227 | 2.369 | 2,318 |
| 1966 | 55.1 | 6,571 | 6,012 | 25,624 | 14,118 | 2.348 | 2.757 | 2,181 |

SIC 3391 IRON & STEEL FORGINGS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 37,739 | 220,542 | 30,154 | 56,699 | 164,054 | 315,928 | 687,270 | 14,268 |
| 1959 | 40,766 | 260,417 | 32,905 | 66,021 | 198,926 | 408,150 | 873,343 | 13,099 |
| 1960 | 40,987 | 261,726 | 32,800 | 64,222 | 197,301 | 593,720 | 854,825 | 15,024 |
| 1961 | 39,469 | 257,878 | 31,309 | 60,748 | 189,484 | 380,308 | 789,135 | 17,515 |
| 1962 | 40,901 | 282,125 | 32,953 | 66,018 | 214,110 | 456,510 | 928,755 | 14,594 |
| 1963 | 36,317 | 259,793 | 29,240 | 58,316 | 198,272 | 395,302 | 868,948 | 17,516 |
| 1964 | 36,588 | 276,319 | 29,541 | 60,159 | 214,396 | 440,547 | 961,199 | N.A. |
| 1965 | 39,107 | 307,283 | 31,831 | 66,129 | 242,110 | 512,527 | 1,105,807 | 22,750 |
| 1966 | 41,261 | 346,328 | 33,383 | 70,644 | 269,388 | 594,940 | 1,273,079 | 34,638 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 46.0 | 5,844 | 5,441 | 22,792 | 10,477 | 1.926 | 2.893 | 1,880 |
| 1959 | 46.7 | 6,388 | 6,045 | 26,541 | 12,404 | 2.052 | 3.013 | 2,006 |
| 1960 | 69.5 | 6,386 | 6,015 | 26,062 | 18,101 | 3.009 | 3.072 | 1,958 |
| 1961 | 48.2 | 6,534 | 6,052 | 25,205 | 12,147 | 2.007 | 3.119 | 1,940 |
| 1962 | 49.2 | 6,898 | 6,497 | 28,184 | 13,853 | 2.132 | 3.243 | 2,003 |
| 1963 | 45.5 | 7,153 | 6,781 | 29,718 | 13,519 | 1.994 | 3.400 | 1,994 |
| 1964 | 45.8 | 7,552 | 7,258 | 32,538 | 14,913 | 2.055 | 3.564 | 2,036 |
| 1965 | 46.3 | 7,857 | 7,606 | 34,740 | 16,102 | 2.117 | 3.661 | 2,078 |
| 1966 | 46.7 | 8,394 | 8,070 | 38,136 | 17,822 | 2.208 | 3.813 | 2,116 |

SIC 3392 NONFERROUS FORGINGS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 4,649 | 27,806 | 3,476 | 6,761 | 19,393 | 36,760 | 98,694 | 2,033 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | 6,220 | 45,577 | 4,514 | 9,515 | 33,005 | 42,327 | 131,380 | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 6,297 | 47,627 | 4,612 | 10,064 | 32,461 | 71,378 | 165,146 | 4,704 |
| 1964 | 7,210 | 56,855 | 5,363 | 11,958 | 39,953 | 88,498 | 196,146 | 13,092 |
| 1965 | 7,581 | 59,814 | 5,606 | 12,362 | 42,072 | 105,427 | 220,555 | 13,016 |
| 1966 | 9,558 | 77,756 | 7,294 | 16,115 | 56,520 | 145,598 | 311,445 | 16,531 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 37.2 | 5,981 | 5,579 | 28,393 | 10,575 | 1.896 | 2.868 | 1,945 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | 32.2 | 7,327 | 7,312 | 29,105 | 9,377 | 1.282 | 3.469 | 2,108 |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 43.2 | 7,563 | 7,038 | 35,808 | 15,477 | 2.199 | 3.225 | 2,182 |
| 1964 | 45.1 | 7,886 | 7,450 | 36,574 | 16,502 | 2.215 | 3.341 | 2,230 |
| 1965 | 47.8 | 7,890 | 7,505 | 39,343 | 18,806 | 2.506 | 3.403 | 2,205 |
| 1966 | 46.7 | 8,135 | 7,749 | 42,699 | 19,961 | 2.576 | 3.507 | 2,209 |

SIC 3399 PRIMARY METAL INDUSTRIES NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 9,795 | 52,717 | 7,359 | 14,813 | 35,088 | 90,656 | 141,172 | 5,615 |
| 1959 | 10,071 | 56,125 | 7,762 | 16,226 | 37,585 | 100,012 | 158,491 | 6,266 |
| 1960 | 10,488 | 59,658 | 7,997 | 17,085 | 39,462 | 104,435 | 164,562 | N.A. |
| 1961 | 11,550 | 67,206 | 8,425 | 17,900 | 41,624 | 116,477 | 186,929 | N.A. |
| 1962 | 12,783 | 74,742 | 9,629 | 20,982 | 48,023 | 143,749 | 231,657 | N.A. |
| 1963 | 14,956 | 94,704 | 11,513 | 24,658 | 65,437 | 192,250 | 284,661 | 13,501 |
| 1964 | 15,939 | 105,682 | 12,465 | 26,770 | 70,682 | 219,496 | 327,511 | 17,004 |
| 1965 | 16,350 | 112,720 | 12,462 | 27,993 | 79,064 | 240,562 | 347,152 | 19,474 |
| 1966 | 17,883 | 129,322 | 13,969 | 30,189 | 87,960 | 263,610 | 398,826 | 26,537 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 64.2 | 5,382 | 4,768 | 19,184 | 12,319 | 2.584 | 2.369 | 2,013 |
| 1959 | 63.1 | 5,573 | 4,842 | 20,419 | 12,885 | 2.661 | 2.316 | 2,090 |
| 1960 | 63.5 | 5,688 | 4,935 | 20,578 | 13,059 | 2.646 | 2.310 | 2,136 |
| 1961 | 62.3 | 5,819 | 4,941 | 22,187 | 13,825 | 2.798 | 2.325 | 2,125 |
| 1962 | 62.1 | 5,847 | 4,987 | 24,058 | 14,929 | 2.993 | 2.289 | 2,179 |
| 1963 | 67.5 | 6,332 | 5,684 | 24,725 | 16,699 | 2.938 | 2.654 | 2,142 |
| 1964 | 67.0 | 6,630 | 5,670 | 26,274 | 17,609 | 3.105 | 2.640 | 2,148 |
| 1965 | 69.3 | 6,894 | 6,344 | 27,857 | 19,304 | 3.043 | 2.824 | 2,246 |
| 1966 | 66.1 | 7,232 | 6,297 | 28,551 | 18,871 | 2.997 | 2.914 | 2,161 |

FABRICATED METAL PRODUCTS

SIC 3411 METAL CANS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 54,238 | 303,885 | 46,921 | 94,295 | 249,514 | 668,606 | 1,824,106 | 54,346 |
| 1959 | 53,764 | 332,097 | 46,613 | 97,349 | 273,998 | 668,260 | 1,933,746 | 50,772 |
| 1960 | 53,554 | 333,624 | 46,369 | 95,789 | 275,092 | 666,151 | 1,936,373 | 68,425 |
| 1961 | 53,355 | 347,613 | 46,206 | 96,001 | 286,885 | 758,725 | 2,095,282 | 47,853 |
| 1962 | 53,069 | 369,321 | 46,018 | 98,442 | 305,401 | 772,377 | 2,112,439 | 59,974 |
| 1963 | 53,245 | 377,031 | 46,110 | 97,340 | 311,058 | 830,515 | 2,075,014 | 66,507 |
| 1964 | 55,061 | 400,605 | 47,460 | 102,008 | 330,204 | 932,431 | 2,255,666 | 71,832 |
| 1965 | 54,871 | 422,314 | 46,501 | 103,018 | 349,938 | 1,011,366 | 2,395,016 | 79,412 |
| 1966 | 58,700 | 446,940 | 51,025 | 107,959 | 367,886 | 1,043,456 | 2,631,312 | 99,469 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 36.7 | 5,603 | 5,318 | 38,876 | 14,250 | 2.680 | 2.646 | 2,010 |
| 1959 | 34.6 | 6,177 | 5,878 | 41,485 | 14,336 | 2.439 | 2.815 | 2,088 |
| 1960 | 34.4 | 6,230 | 5,933 | 41,760 | 14,366 | 2.422 | 2.872 | 2,066 |
| 1961 | 36.2 | 6,515 | 6,209 | 45,347 | 16,420 | 2.645 | 2.988 | 2,078 |
| 1962 | 36.6 | 6,959 | 6,637 | 45,905 | 16,784 | 2.529 | 3.102 | 2,139 |
| 1963 | 40.0 | 7,081 | 6,746 | 45,001 | 18,012 | 2.670 | 3.196 | 2,111 |
| 1964 | 41.3 | 7,276 | 6,958 | 47,528 | 19,647 | 2.824 | 3.237 | 2,149 |
| 1965 | 42.2 | 7,696 | 7,525 | 51,505 | 21,749 | 2.890 | 3.397 | 2,215 |
| 1966 | 39.7 | 7,614 | 7,210 | 51,569 | 20,450 | 2.836 | 3.408 | 2,116 |

SIC 3421 CUTLERY

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 11,831 | 52,745 | 9,107 | 17,986 | 34,875 | 126,310 | 179,271 | 2,370 |
| 1959 | 12,093 | 56,243 | 8,880 | 17,552 | 35,254 | 139,668 | 190,756 | 3,270 |
| 1960 | 11,298 | 55,834 | 8,585 | 17,202 | 35,215 | 144,029 | 195,867 | 3,387 |
| 1961 | 11,675 | 60,289 | 8,608 | 17,393 | 37,223 | 160,166 | 217,725 | 6,487 |
| 1962 | 12,418 | 65,832 | 9,472 | 19,095 | 40,634 | 176,670 | 239,365 | 11,423 |
| 1963 | 11,837 | 64,281 | 9,487 | 19,312 | 43,896 | 213,998 | 283,352 | 12,382 |
| 1964 | 11,827 | 65,543 | 9,326 | 19,749 | 44,417 | 214,719 | 295,105 | 9,024 |
| 1965 | 14,171 | 80,037 | 11,001 | 22,410 | 54,124 | 256,708 | 351,283 | 11,451 |
| 1966 | 13,698 | 79,983 | 10,646 | 21,431 | 54,364 | 259,961 | 373,574 | 11,571 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 70.5 | 4,458 | 3,829 | 19,685 | 13,870 | 3.622 | 1.939 | 1,975 |
| 1959 | 73.2 | 4,651 | 3,970 | 21,482 | 15,728 | 3.962 | 2.009 | 1,977 |
| 1960 | 73.5 | 4,942 | 4,102 | 22,815 | 16,777 | 4.090 | 2.047 | 2,004 |
| 1961 | 73.6 | 5,164 | 4,324 | 25,293 | 18,607 | 4.303 | 2.140 | 2,021 |
| 1962 | 73.8 | 5,301 | 4,290 | 25,271 | 18,652 | 4.348 | 2.128 | 2,016 |
| 1963 | 75.5 | 5,431 | 4,627 | 29,867 | 22,557 | 4.875 | 2.273 | 2,036 |
| 1964 | 72.8 | 5,542 | 4,763 | 31,643 | 23,024 | 4.834 | 2.249 | 2,118 |
| 1965 | 73.1 | 5,648 | 4,920 | 31,932 | 23,335 | 4.743 | 2.415 | 2,037 |
| 1966 | 69.6 | 5,839 | 5,107 | 35,091 | 24,419 | 4.782 | 2.537 | 2,013 |

SIC 3423 HAND & EDGE TOOLS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 30,273 | 142,551 | 23,626 | 45,720 | 99,674 | 267,316 | 440,150 | 8,588 |
| 1959 | 31,923 | 156,687 | 25,070 | 50,760 | 111,127 | 325,886 | 510,026 | 10,453 |
| 1960 | 31,106 | 156,003 | 24,165 | 48,854 | 109,501 | 315,934 | 492,595 | 8,330 |
| 1961 | 32,018 | 164,906 | 24,557 | 49,856 | 114,591 | 334,562 | 538,451 | 9,089 |
| 1962 | 33,715 | 180,042 | 26,062 | 53,853 | 125,953 | 358,111 | 589,247 | 12,141 |
| 1963 | 31,480 | 176,837 | 24,508 | 48,716 | 125,652 | 364,265 | 565,590 | 10,955 |
| 1964 | 32,652 | 193,085 | 25,414 | 51,513 | 136,726 | 389,977 | 626,413 | 13,653 |
| 1965 | 35,253 | 212,220 | 27,700 | 56,068 | 151,669 | 455,316 | 714,591 | 16,756 |
| 1966 | 37,975 | 244,963 | 30,014 | 62,785 | 174,964 | 511,916 | 808,131 | 19,581 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 60.7 | 4,709 | 4,219 | 18,630 | 11,314 | 2.682 | 2.180 | 1,935 |
| 1959 | 63.9 | 4,908 | 4,433 | 20,344 | 12,999 | 2.933 | 2.189 | 2,025 |
| 1960 | 64.1 | 5,015 | 4,531 | 20,385 | 13,074 | 2.885 | 2.241 | 2,022 |
| 1961 | 62.1 | 5,150 | 4,666 | 21,927 | 13,624 | 2.920 | 2.298 | 2,030 |
| 1962 | 60.8 | 5,340 | 4,833 | 22,609 | 13,741 | 2.843 | 2.339 | 2,066 |
| 1963 | 64.4 | 5,617 | 5,127 | 23,078 | 14,863 | 2.899 | 2.579 | 1,988 |
| 1964 | 62.3 | 5,913 | 5,380 | 24,648 | 15,345 | 2.852 | 2.654 | 2,027 |
| 1965 | 63.7 | 6,020 | 5,475 | 25,798 | 16,437 | 3.002 | 2.705 | 2,024 |
| 1966 | 63.3 | 6,451 | 5,829 | 26,925 | 17,056 | 2.926 | 2.787 | 2,092 |

SIC 3425 HAND SAWS & SAW BLADES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 5,509 | 28,311 | 4,077 | 7,883 | 18,482 | 53,658 | 87,626 | 1,225 |
| 1959 | 5,657 | 30,946 | 4,321 | 8,640 | 21,403 | 67,539 | 105,205 | 1,636 |
| 1960 | 5,453 | 29,708 | 4,045 | 8,389 | 19,490 | 65,240 | 100,107 | 2,300 |
| 1961 | 5,494 | 29,723 | 4,100 | 8,131 | 19,095 | 67,489 | 102,257 | 1,763 |
| 1962 | 5,285 | 29,116 | 3,957 | 8,046 | 18,866 | 64,884 | 102,702 | 2,156 |
| 1963 | 5,095 | 29,148 | 3,768 | 7,721 | 19,621 | 65,634 | 102,782 | 6,340 |
| 1964 | 5,012 | 31,251 | 3,687 | 7,684 | 20,240 | 68,129 | 106,392 | 2,740 |
| 1965 | 5,725 | 36,533 | 4,462 | 9,440 | 25,075 | 81,687 | 125,297 | 2,270 |
| 1966 | 6,184 | 40,858 | 4,794 | 10,427 | 28,617 | 89,474 | 149,897 | 2,811 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 61.2 | 5,139 | 4,533 | 21,493 | 13,161 | 2.903 | 2.345 | 1,934 |
| 1959 | 64.2 | 5,470 | 4,953 | 24,347 | 15,630 | 3.156 | 2.477 | 2,000 |
| 1960 | 65.2 | 5,448 | 4,818 | 24,748 | 16,129 | 3.347 | 2.323 | 2,074 |
| 1961 | 66.0 | 5,410 | 4,657 | 24,941 | 16,461 | 3.534 | 2.348 | 1,983 |
| 1962 | 63.2 | 5,509 | 4,768 | 25,955 | 16,397 | 3.439 | 2.345 | 2,033 |
| 1963 | 63.9 | 5,721 | 5,207 | 27,278 | 17,419 | 3.345 | 2.541 | 2,049 |
| 1964 | 64.0 | 6,235 | 5,490 | 28,856 | 18,478 | 3.366 | 2.634 | 2,084 |
| 1965 | 65.2 | 6,381 | 5,620 | 28,081 | 18,307 | 3.258 | 2.656 | 2,116 |
| 1966 | 66.4 | 6,607 | 5,969 | 31,268 | 20,750 | 3.476 | 2.745 | 2,175 |

SIC 3429 HARDWARE, NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 88,105 | 433,304 | 68,078 | 134,166 | 301,509 | 754,943 | 1,347,879 | 25,644 |
| 1959 | 89,350 | 471,996 | 69,555 | 145,736 | 329,510 | 872,944 | 1,500,780 | 26,858 |
| 1960 | 92,200 | 497,107 | 71,435 | 145,050 | 344,108 | 886,139 | 1,552,388 | 37,785 |
| 1961 | 87,174 | 465,186 | 65,813 | 133,105 | 320,668 | 838,328 | 1,467,415 | 39,234 |
| 1962 | 89,914 | 500,554 | 69,177 | 142,035 | 355,194 | 966,592 | 1,651,811 | 36,601 |
| 1963 | 88,729 | 532,017 | 70,687 | 146,465 | 385,315 | 1,069,080 | 1,794,186 | 71,121 |
| 1964 | 92,507 | 579,586 | 73,763 | 149,515 | 422,074 | 1,149,841 | 1,937,902 | 86,371 |
| 1965 | 97,973 | 635,242 | 78,454 | 162,333 | 463,729 | 1,294,823 | 2,209,071 | 98,803 |
| 1966 | 102,705 | 675,344 | 81,917 | 166,649 | 485,647 | 1,398,238 | 2,343,772 | 87,557 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 56.0 | 4,918 | 4,429 | 19,799 | 11,089 | 2.504 | 2.247 | 1,971 |
| 1959 | 58.2 | 5,283 | 4,737 | 21,577 | 12,550 | 2.649 | 2.261 | 2,095 |
| 1960 | 57.1 | 5,392 | 4,817 | 21,731 | 12,405 | 2.575 | 2.372 | 2,031 |
| 1961 | 57.1 | 5,336 | 4,872 | 22,297 | 12,738 | 2.614 | 2.409 | 2,022 |
| 1962 | 58.5 | 5,567 | 5,135 | 23,878 | 13,973 | 2.721 | 2.501 | 2,053 |
| 1963 | 59.6 | 5,996 | 5,451 | 25,382 | 15,124 | 2.775 | 2.631 | 2,072 |
| 1964 | 59.3 | 6,265 | 5,722 | 26,272 | 15,588 | 2.724 | 2.823 | 2,027 |
| 1965 | 58.6 | 6,484 | 5,911 | 28,158 | 16,504 | 2.792 | 2.857 | 2,069 |
| 1966 | 59.7 | 6,576 | 5,929 | 28,612 | 17,069 | 2.879 | 2.914 | 2,034 |

SIC 3431 PLUMBING FIXTURES, METAL

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 12,432 | 67,848 | 10,058 | 19,179 | 50,754 | 118,555 | 214,872 | 8,928 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | 8,647 | 48,682 | 7,004 | 13,950 | 37,157 | 87,485 | 178,453 | N.A. |
| 1962 | 9,498 | 57,557 | 7,588 | 15,678 | 42,417 | 111,764 | 209,541 | N.A. |
| 1963 | 11,011 | 68,162 | 8,833 | 17,501 | 50,373 | 139,859 | 234,896 | 5,863 |
| 1964 | 11,565 | 74,572 | 9,057 | 18,438 | 55,013 | 142,420 | 251,912 | 5,317 |
| 1965 | 11,419 | 72,666 | 9,133 | 17,882 | 52,847 | 142,619 | 253,756 | 5,569 |
| 1966 | 11,986 | 78,666 | 9,589 | 18,768 | 57,590 | 146,434 | 262,305 | 6,519 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 55.2 | 5,458 | 5,046 | 21,363 | 11,787 | 2.336 | 2.646 | 1,907 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | 49.0 | 5,630 | 5,305 | 25,479 | 12,491 | 2.354 | 2.664 | 1,992 |
| 1962 | 53.3 | 6,060 | 5,590 | 27,615 | 14,729 | 2.635 | 2.706 | 2,066 |
| 1963 | 59.5 | 6,190 | 5,703 | 26,593 | 15,834 | 2.776 | 2.878 | 1,981 |
| 1964 | 56.5 | 6,448 | 6,074 | 27,814 | 15,725 | 2.589 | 2.984 | 2,036 |
| 1965 | 56.2 | 6,364 | 5,786 | 27,785 | 15,616 | 2.699 | 2.955 | 1,958 |
| 1966 | 55.8 | 6,563 | 6,006 | 27,355 | 15,271 | 2.543 | 3.069 | 1,957 |

SIC 3432 PLUMBING FITTINGS, BRASS GOODS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 14,663 | 66,937 | 12,140 | 22,993 | 50,425 | 120,560 | 250,326 | 3,564 |
| 1959 | 15,850 | 77,183 | 13,152 | 25,621 | 58,188 | 158,077 | 310,854 | 4,349 |
| 1960 | 15,272 | 76,335 | 12,364 | 23,712 | 55,851 | 140,079 | 289,235 | 3,546 |
| 1961 | 13,087 | 67,566 | 10,440 | 20,353 | 48,428 | 128,881 | 271,906 | 4,792 |
| 1962 | 14,044 | 73,114 | 11,204 | 21,362 | 52,933 | 136,923 | 306,050 | 4,872 |
| 1963 | 15,129 | 79,336 | 12,314 | 23,988 | 58,259 | 154,752 | 333,832 | 6,542 |
| 1964 | 15,297 | 84,598 | 12,466 | 24,642 | 61,687 | 189,320 | 377,878 | 7,164 |
| 1965 | 15,702 | 87,707 | 12,483 | 24,646 | 61,849 | 165,961 | 382,968 | 9,149 |
| 1966 | 14,963 | 84,794 | 11,885 | 22,443 | 60,041 | 183,041 | 396,256 | 6,979 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 48.2 | 4,565 | 4,154 | 20,620 | 9,931 | 2.391 | 2.193 | 1,894 |
| 1959 | 50.9 | 4,870 | 4,424 | 23,635 | 12,019 | 2.717 | 2.271 | 1,948 |
| 1960 | 48.4 | 4,998 | 4,517 | 23,393 | 11,330 | 2.508 | 2.355 | 1,918 |
| 1961 | 47.4 | 5,163 | 4,639 | 26,045 | 12,345 | 2.661 | 2.379 | 1,950 |
| 1962 | 44.7 | 5,206 | 4,724 | 27,316 | 12,221 | 2.587 | 2.478 | 1,907 |
| 1963 | 46.4 | 5,244 | 4,731 | 27,110 | 12,567 | 2.656 | 2.429 | 1,948 |
| 1964 | 50.1 | 5,530 | 4,948 | 30,313 | 15,187 | 3.069 | 2.503 | 1,977 |
| 1965 | 43.3 | 5,586 | 4,955 | 30,679 | 13,295 | 2.683 | 2.509 | 1,974 |
| 1966 | 46.2 | 5,667 | 5,052 | 33,341 | 15,401 | 3.049 | 2.675 | 1,888 |

SIC 3433 HEATING EQUIPMENT EXCEPT ELECTRIC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 44,680 | 222,681 | 32,433 | 63,178 | 142,329 | 432,799 | 912,878 | 13,415 |
| 1959 | 46,699 | 243,227 | 34,211 | 66,648 | 154,958 | 487,040 | 1,020,980 | 13,351 |
| 1960 | 45,726 | 243,887 | 33,191 | 64,278 | 152,798 | 511,946 | 1,019,355 | 13,114 |
| 1961 | 45,308 | 247,730 | 32,466 | 63,397 | 155,353 | 505,727 | 1,052,919 | 14,453 |
| 1962 | 43,873 | 244,985 | 31,054 | 61,494 | 149,846 | 522,469 | 1,046,284 | 12,800 |
| 1963 | 42,020 | 243,857 | 30,232 | 60,035 | 154,435 | 495,652 | 1,019,787 | 17,815 |
| 1964 | 43,793 | 258,742 | 31,340 | 62,362 | 161,945 | 538,632 | 1,089,277 | 15,825 |
| 1965 | 43,261 | 264,776 | 30,472 | 62,797 | 163,487 | 533,822 | 1,124,057 | 24,287 |
| 1966 | 43,718 | 275,172 | 31,628 | 64,843 | 172,776 | 559,510 | 1,167,276 | 24,974 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 47.4 | 4,984 | 4,388 | 28,147 | 13,344 | 3.041 | 2.253 | 1,948 |
| 1959 | 47.7 | 5,208 | 4,529 | 29,844 | 14,236 | 3.143 | 2.325 | 1,948 |
| 1960 | 50.2 | 5,334 | 4,604 | 30,712 | 15,424 | 3.350 | 2.377 | 1,937 |
| 1961 | 48.0 | 5,468 | 4,785 | 32,431 | 15,577 | 3.255 | 2.450 | 1,953 |
| 1962 | 49.9 | 5,584 | 4,825 | 33,692 | 16,825 | 3.487 | 2.437 | 1,980 |
| 1963 | 48.6 | 5,803 | 5,108 | 33,732 | 16,395 | 3.209 | 2.572 | 1,986 |
| 1964 | 49.4 | 5,908 | 5,167 | 34,757 | 17,187 | 3.126 | 2.597 | 1,990 |
| 1965 | 47.5 | 6,120 | 5,365 | 36,888 | 17,518 | 3.265 | 2.603 | 2,061 |
| 1966 | 47.9 | 6,294 | 5,463 | 36,906 | 17,690 | 3.238 | 2.665 | 2,050 |

SIC 344X (Includes: 3446 Architectural and Ornamental Metal Work and 3449 Architectural and Miscellaneous Metal Work)

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 42,122 | 224,804 | 30,856 | 61,990 | 142,607 | 401,076 | 917,151 | 15,903 |
| 1959 | 42,808 | 228,290 | 30,933 | 61,995 | 143,651 | 429,795 | 953,153 | N.A. |
| 1960 | 40,397 | 221,461 | 29,247 | 57,948 | 143,475 | 401,977 | 921,978 | 19,711 |
| 1961 | 43,470 | 241,162 | 31,299 | 61,629 | 153,944 | 435,445 | 997,315 | 15,936 |
| 1962 | 44,535 | 256,035 | 31,910 | 63,542 | 162,344 | 450,848 | 1,034,461 | 22,441 |
| 1963 | 40,579 | 231,998 | 29,437 | 58,705 | 149,456 | 432,190 | 973,422 | 17,577 |
| 1964 | 40,537 | 239,527 | 28,796 | 57,738 | 153,026 | 471,833 | 1,051,832 | N.A. |
| 1965 | 44,225 | 269,174 | 31,558 | 66,738 | 168,411 | 532,411 | 1,172,067 | 21,125 |
| 1966 | 47,596 | 308,053 | 34,051 | 72,599 | 197,881 | 607,811 | 1,356,486 | 28,240 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 43.7 | 5,337 | 4,622 | 29,724 | 12,998 | 2.812 | 2.300 | 2,009 |
| 1959 | 45.1 | 5,333 | 4,709 | 30,813 | 13,894 | 2.951 | 2.349 | 2,004 |
| 1960 | 43.6 | 5,482 | 4,906 | 31,524 | 13,744 | 2.802 | 2.476 | 1,981 |
| 1961 | 43.7 | 5,548 | 4,918 | 31,864 | 13,912 | 2.829 | 2.498 | 1,969 |
| 1962 | 43.6 | 5,749 | 5,088 | 32,418 | 14,129 | 2.777 | 2.555 | 1,991 |
| 1963 | 44.4 | 5,717 | 5,077 | 33,068 | 14,682 | 2.892 | 2.546 | 1,994 |
| 1964 | 44.9 | 5,909 | 5,314 | 36,527 | 16,385 | 3.083 | 2.650 | 2,005 |
| 1965 | 45.4 | 6,086 | 5,337 | 37,140 | 16,871 | 3.161 | 2.523 | 2,115 |
| 1966 | 44.8 | 6,472 | 5,811 | 39,837 | 17,850 | 3.072 | 2.726 | 2,132 |

SIC 3441 FABRICATED STRUCTURAL STEEL

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 91,252 | 502,697 | 68,009 | 135,764 | 332,691 | 821,626 | 1,901,106 | 37,698 |
| 1959 | 82,719 | 462,506 | 59,853 | 119,918 | 290,618 | 702,028 | 1,710,458 | 28,409 |
| 1960 | 87,853 | 509,984 | 63,919 | 133,412 | 326,389 | 819,955 | 1,834,465 | 27,225 |
| 1961 | 84,323 | 49,908 | 62,387 | 126,422 | 321,587 | 776,124 | 1,814,112 | 25,215 |
| 1962 | 79,218 | 483,571 | 59,036 | 121,532 | 315,797 | 697,812 | 1,795,082 | 19,227 |
| 1963 | 85,423 | 527,220 | 63,674 | 127,899 | 350,337 | 814,805 | 1,916,048 | 28,162 |
| 1964 | 88,149 | 562,121 | 65,513 | 134,891 | 376,127 | 887,154 | 2,097,726 | 37,950 |
| 1965 | 93,059 | 609,661 | 69,794 | 141,574 | 405,237 | 1,038,726 | 2,314,504 | 54,878 |
| 1966 | 97,435 | 665,160 | 73,431 | 148,489 | 443,769 | 1,059,707 | 2,601,672 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 43.2 | 5,509 | 4,892 | 27,954 | 12,081 | 2.470 | 2.451 | 1,996 |
| 1959 | 41.0 | 5,591 | 4,856 | 28,578 | 11,729 | 2.416 | 2.423 | 2,004 |
| 1960 | 44.7 | 5,805 | 5,106 | 28,700 | 12,828 | 2.512 | 2.446 | 2,087 |
| 1961 | 42.8 | 592 | 5,155 | 29,078 | 12,440 | 2.413 | 2.544 | 2,026 |
| 1962 | 38.9 | 6,104 | 5,349 | 30,407 | 11,820 | 2.210 | 2.598 | 2,059 |
| 1963 | 42.5 | 6,172 | 5,502 | 30,092 | 12,797 | 2.326 | 2.739 | 2,009 |
| 1964 | 42.3 | 6,377 | 5,741 | 32,020 | 13,542 | 2.359 | 2.788 | 2,059 |
| 1965 | 44.9 | 6,551 | 5,806 | 33,162 | 14,883 | 2.563 | 2.862 | 2,028 |
| 1966 | 40.7 | 6,827 | 6,043 | 35,430 | 14,431 | 2.388 | 2.989 | 2,022 |

SIC 3442 METAL DOORS, SASH & TRIM

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 57,897 | 273,219 | 42,433 | 83,849 | 171,756 | 469,050 | 1,037,371 | 18,055 |
| 1959 | 59,791 | 287,027 | 44,050 | 89,350 | 176,593 | 500,144 | 1,139,222 | N.A. |
| 1960 | 61,632 | 299,903 | 44,789 | 94,402 | 183,851 | 506,010 | 1,126,762 | 19,288 |
| 1961 | 57,840 | 264,744 | 42,304 | 91,216 | 174,638 | 489,824 | 1,100,729 | 17,587 |
| 1962 | 59,333 | 307,093 | 43,354 | 96,138 | 189,116 | 541,312 | 1,172,929 | 23,673 |
| 1963 | 62,799 | 324,796 | 46,645 | 95,727 | 206,127 | 570,370 | 1,253,814 | 21,977 |
| 1964 | 63,083 | 333,735 | 45,512 | 93,170 | 203,918 | 568,662 | 1,271,319 | 21,144 |
| 1965 | 63,700 | 348,122 | 45,445 | 96,433 | 213,079 | 607,495 | 1,323,440 | 24,970 |
| 1966 | 63,765 | 360,457 | 46,251 | 96,819 | 222,003 | 638,544 | 1,397,174 | 24,899 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 45.2 | 4,719 | 4,048 | 24,447 | 11,054 | 2.731 | 2.048 | 1,976 |
| 1959 | 43.9 | 4,801 | 4,009 | 25,862 | 11,354 | 2.832 | 1.976 | 2,028 |
| 1960 | 44.9 | 4,866 | 4,105 | 25,157 | 11,298 | 2.752 | 1.948 | 2,108 |
| 1961 | 44.5 | 4,923 | 4,128 | 26,020 | 11,579 | 2.805 | 1.915 | 2,156 |
| 1962 | 46.2 | 5,176 | 4,362 | 27,055 | 12,486 | 2.862 | 1.967 | 2,218 |
| 1963 | 45.5 | 5,172 | 4,419 | 26,880 | 12,228 | 2.767 | 2.153 | 2,052 |
| 1964 | 44.7 | 5,290 | 4,481 | 27,934 | 12,495 | 2.789 | 2.189 | 2,047 |
| 1965 | 45.9 | 5,465 | 4,689 | 29,122 | 13,368 | 2.851 | 2.210 | 2,122 |
| 1966 | 45.7 | 5,653 | 4,800 | 30,209 | 13,806 | 2.876 | 2.293 | 2,093 |

SIC 3443 BOILER SHOP PRODUCTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 90,551 | 497,146 | 64,658 | 127,164 | 323,238 | 754,972 | 1,670,007 | 45,043 |
| 1959 | 83,219 | 473,164 | 58,211 | 116,335 | 298,644 | 716,826 | 1,590,975 | 40,254 |
| 1960 | 79,857 | 468,749 | 56,417 | 113,232 | 299,894 | 677,595 | 1,521,691 | 29,406 |
| 1961 | 76,593 | 456,205 | 53,880 | 107,273 | 289,800 | 669,175 | 1,477,433 | 21,195 |
| 1962 | 72,931 | 449,765 | 51,403 | 104,082 | 286,085 | 672,736 | 1,499,597 | 31,485 |
| 1963 | 75,018 | 465,372 | 54,629 | 111,409 | 310,471 | 770,064 | 1,622,988 | 32,910 |
| 1964 | 76,235 | 497,880 | 56,366 | 116,622 | 334,374 | 847,641 | 1,744,426 | 39,164 |
| 1965 | 84,106 | 559,153 | 62,538 | 128,997 | 375,469 | 1,006,699 | 2,000,234 | 45,490 |
| 1966 | 90,933 | 631,746 | 67,491 | 159,791 | 419,909 | 1,181,152 | 2,323,287 | 62,054 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 45.2 | 5,490 | 4,999 | 25,828 | 11,676 | 2.336 | 2.542 | 1,967 |
| 1959 | 45.1 | 5,686 | 5,130 | 27,331 | 12,314 | 2.400 | 2.567 | 1,999 |
| 1960 | 44.5 | 5,870 | 5,316 | 26,972 | 12,010 | 2.259 | 2.648 | 2,007 |
| 1961 | 45.3 | 5,956 | 5,379 | 27,421 | 12,420 | 2.309 | 2.702 | 1,991 |
| 1962 | 44.9 | 6,167 | 5,566 | 29,173 | 13,087 | 2.352 | 2.749 | 2,025 |
| 1963 | 47.4 | 6,203 | 5,683 | 29,709 | 14,096 | 2.480 | 2.787 | 2,039 |
| 1964 | 48.6 | 6,531 | 5,932 | 30,948 | 15,038 | 2.535 | 2.867 | 2,069 |
| 1965 | 50.3 | 6,648 | 6,004 | 31,984 | 16,097 | 2.681 | 2.911 | 2,063 |
| 1966 | 50.8 | 6,947 | 6,222 | 34,424 | 17,501 | 2.813 | 2.628 | 2,368 |

SIC 3444 SHEET METAL WORK

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 58,800 | 307,905 | 44,395 | 86,142 | 210,892 | 516,136 | 1,077,811 | 22,339 |
| 1959 | 61,613 | 334,282 | 47,128 | 97,161 | 228,622 | 584,115 | 1,195,033 | 22,496 |
| 1960 | 61,197 | 342,828 | 46,243 | 97,572 | 231,648 | 569,439 | 1,179,765 | 25,675 |
| 1961 | 62,606 | 354,782 | 47,481 | 99,472 | 239,980 | 581,118 | 1,203,788 | 24,088 |
| 1962 | 64,401 | 382,732 | 49,159 | 103,726 | 263,083 | 615,155 | 1,280,477 | 31,736 |
| 1963 | 61,651 | 373,284 | 48,041 | 97,079 | 264,665 | 632,384 | 1,303,670 | 26,180 |
| 1964 | 62,880 | 395,335 | 48,712 | 101,155 | 278,374 | 693,173 | 1,385,437 | 28,608 |
| 1965 | 66,363 | 428,873 | 52,001 | 109,043 | 299,909 | 753,535 | 1,577,858 | 33,772 |
| 1966 | 71,890 | 501,806 | 56,339 | 119,582 | 349,021 | 883,081 | 1,834,784 | 40,714 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 47.9 | 5,236 | 4,750 | 24,278 | 11,626 | 2.447 | 2.448 | 1,940 |
| 1959 | 48.9 | 5,426 | 4,851 | 25,357 | 12,394 | 2.555 | 2.353 | 2,062 |
| 1960 | 48.3 | 5,602 | 5,009 | 25,512 | 12,314 | 2.458 | 2.374 | 2,110 |
| 1961 | 48.3 | 5,667 | 5,054 | 25,353 | 12,239 | 2.422 | 2.413 | 2,095 |
| 1962 | 48.0 | 5,943 | 5,352 | 26,048 | 12,514 | 2.338 | 2.536 | 2,110 |
| 1963 | 48.5 | 6,055 | 5,509 | 27,137 | 13,163 | 2.389 | 2.726 | 2,021 |
| 1964 | 50.0 | 6,287 | 5,715 | 28,441 | 14,230 | 2.490 | 2.752 | 2,077 |
| 1965 | 47.8 | 6,463 | 5,767 | 30,343 | 14,491 | 2.513 | 2.750 | 2,097 |
| 1966 | 48.1 | 6,980 | 6,195 | 32,567 | 15,674 | 2.530 | 2.919 | 2,123 |

SIC 3451 SCREW MACHINE PRODUCTS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 31,836 | 154,925 | 25,892 | 51,915 | 113,989 | 249,975 | 425,113 | 11,222 |
| 1959 | 34,153 | 169,230 | 28,930 | 58,086 | 129,436 | 301,277 | 519,095 | N.A. |
| 1960 | 35,178 | 177,097 | 28,919 | 57,705 | 129,876 | 300,654 | 502,843 | N.A. |
| 1961 | 32,087 | 164,361 | 26,312 | 50,824 | 116,568 | 268,787 | 457,982 | 8,764 |
| 1962 | 36,513 | 192,070 | 29,964 | 58,870 | 140,181 | 312,415 | 518,251 | N.A. |
| 1963 | 36,909 | 213,172 | 30,796 | 64,270 | 159,991 | 358,961 | 588,981 | 18,676 |
| 1964 | 36,263 | 225,953 | 30,229 | 65,771 | 170,812 | 367,327 | 636,382 | N.A. |
| 1965 | 39,585 | 248,910 | 33,025 | 72,132 | 188,003 | 418,066 | 721,857 | 23,320 |
| 1966 | 46,127 | 309,014 | 39,182 | 85,115 | 234,916 | 555,352 | 948,965 | 38,608 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 58.8 | 4,866 | 4,402 | 16,419 | 9,655 | 2.193 | 2.196 | 2,005 |
| 1959 | 58.0 | 4,955 | 4,474 | 17,943 | 10,414 | 2.328 | 2.228 | 2,008 |
| 1960 | 59.8 | 5,034 | 4,491 | 17,388 | 10,396 | 2.315 | 2.251 | 1,995 |
| 1961 | 58.7 | 5,122 | 4,430 | 17,406 | 10,715 | 2.306 | 2.294 | 1,932 |
| 1962 | 60.3 | 5,260 | 4,678 | 17,296 | 10,426 | 2.229 | 2.381 | 1,965 |
| 1963 | 60.9 | 5,776 | 5,195 | 19,125 | 11,656 | 2.244 | 2.489 | 2,087 |
| 1964 | 57.7 | 6,231 | 5,651 | 21,052 | 12,151 | 2.150 | 2.597 | 2,176 |
| 1965 | 57.9 | 6,288 | 5,693 | 21,858 | 12,659 | 2.224 | 2.606 | 2,184 |
| 1966 | 58.5 | 6,699 | 5,996 | 24,219 | 14,174 | 2.364 | 2.760 | 2,172 |

SIC 3452 BOLTS, NUTS, RIVETS & WASHERS

| | TOTAL EMPLOYMENT | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL | |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 53,270 | 286,039 | 40,202 | 80,579 | 191,886 | 504,731 | 880,328 | 43,707 |
| 1959 | 58,796 | 338,961 | 45,088 | 94,932 | 231,746 | 636,021 | 1,112,915 | N.A. |
| 1960 | 58,521 | 331,414 | 44,332 | 88,768 | 221,805 | 595,859 | 1,044,837 | 29,260 |
| 1961 | 55,031 | 324,081 | 41,481 | 83,648 | 214,778 | 561,247 | 1,005,484 | 21,245 |
| 1962 | 57,420 | 360,644 | 43,533 | 91,726 | 241,121 | 649,098 | 1,158,030 | 30,986 |
| 1963 | 57,618 | 371,026 | 43,972 | 92,502 | 257,477 | 695,276 | 1,218,247 | 31,431 |
| 1964 | 59,725 | 400,806 | 45,484 | 97,344 | 279,484 | 763,297 | 1,344,230 | 37,449 |
| 1965 | 62,344 | 432,334 | 48,002 | 103,610 | 304,037 | 846,170 | 1,480,147 | 54,605 |
| 1966 | 62,506 | 463,537 | 47,585 | 104,885 | 319,716 | 963,211 | 1,661,804 | 70,634 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| 1958 | 57.3 | 5,370 | 4,773 | 21,898 | 12,555 | 2.630 | 2.381 | 2,004 |
| 1959 | 57.1 | 5,765 | 5,140 | 24,683 | 14,106 | 2.744 | 2.441 | 2,105 |
| 1960 | 57.0 | 5,663 | 5,003 | 23,568 | 13,441 | 2.686 | 2.499 | 2,002 |
| 1961 | 55.8 | 5,889 | 5,178 | 24,240 | 13,530 | 2.613 | 2.568 | 2,017 |
| 1962 | 56.1 | 6,281 | 5,539 | 26,601 | 14,910 | 2.692 | 2.629 | 2,107 |
| 1963 | 57.1 | 6,439 | 5,855 | 27,705 | 15,812 | 2.700 | 2.783 | 2,104 |
| 1964 | 56.8 | 6,711 | 6,145 | 29,554 | 16,782 | 2.731 | 2.871 | 2,140 |
| 1965 | 57.2 | 6,935 | 6,334 | 30,835 | 17,628 | 2.783 | 2.934 | 2,158 |
| 1966 | 58.0 | 7,416 | 6,719 | 34,923 | 20,242 | 3.013 | 3.048 | 2,204 |

SIC 3461 METAL STAMPINGS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 125,300 | 644,217 | 99,759 | 199,664 | 457,345 | 1,045,220 | 2,095,409 | 50,407 |
| 1959 | 135,264 | 727,827 | 109,693 | 227,258 | 524,330 | 1,240,511 | 2,498,962 | N.A. |
| 1960 | 134,290 | 729,036 | 107,966 | 225,649 | 521,060 | 1,220,361 | 2,450,795 | 56,508 |
| 1961 | 125,312 | 684,112 | 100,597 | 207,293 | 486,134 | 1,181,190 | 2,338,008 | 48,387 |
| 1962 | 132,797 | 754,943 | 107,820 | 224,828 | 546,941 | 1,310,428 | 2,605,775 | 68,728 |
| 1963 | 132,179 | 772,557 | 108,336 | 222,005 | 567,309 | 1,368,993 | 2,678,996 | 64,248 |
| 1964 | 138,202 | 836,719 | 114,604 | 235,778 | 615,302 | 1,444,448 | 2,905,132 | 155,732 |
| 1965 | 148,422 | 924,106 | 121,970 | 252,702 | 680,639 | 1,673,095 | 3,287,831 | 132,253 |
| 1966 | 164,109 | 1,058,090 | 137,339 | 281,428 | 787,851 | 1,903,567 | 3,755,849 | 140,146 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) |
| 1958 | 49.9 | 5,141 | 4,584 | 21,005 | 10,477 | 2.285 | 2.291 | 2,001 |
| 1959 | 49.6 | 5,381 | 4,780 | 22,781 | 11,309 | 2.366 | 2.307 | 2,072 |
| 1960 | 49.8 | 5,429 | 4,826 | 22,700 | 11,303 | 2.342 | 2.309 | 2,090 |
| 1961 | 50.5 | 5,459 | 4,832 | 23,241 | 11,742 | 2.430 | 2.345 | 2,061 |
| 1962 | 50.3 | 5,685 | 5,073 | 24,168 | 12,154 | 2.396 | 2.433 | 2,085 |
| 1963 | 51.1 | 5,845 | 5,237 | 24,729 | 12,637 | 2.413 | 2.555 | 2,049 |
| 1964 | 49.7 | 6,054 | 5,369 | 25,349 | 12,604 | 2.348 | 2.610 | 2,057 |
| 1965 | 50.9 | 6,226 | 5,580 | 26,956 | 13,717 | 2.458 | 2.693 | 2,072 |
| 1966 | 50.7 | 6,447 | 5,737 | 27,347 | 13,860 | 2.416 | 2.799 | 2,049 |

SIC 3471 PLATING & POLISHING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 36,471 | 156,274 | 30,543 | 59,082 | 117,703 | 253,784 | 359,116 | 15,877 |
| 1959 | 43,307 | 189,521 | 37,158 | 72,001 | 142,341 | 325,751 | 451,251 | N.A. |
| 1960 | 44,232 | 199,972 | 38,137 | 72,589 | 161,491 | 336,996 | 465,123 | 19,071 |
| 1961 | 43,898 | 200,502 | 37,073 | 71,644 | 161,284 | 330,935 | 458,662 | N.A. |
| 1962 | 49,249 | 231,454 | 41,624 | 80,369 | 182,024 | 401,231 | 549,107 | 25,541 |
| 1963 | 44,962 | 223,504 | 37,722 | 74,846 | 169,592 | 370,202 | 517,572 | 20,032 |
| 1964 | 45,371 | 239,086 | 37,785 | 75,590 | 177,511 | 395,405 | 559,607 | N.A. |
| 1965 | 47,971 | 261,927 | 40,469 | 83,273 | 193,668 | 444,647 | 630,905 | 26,767 |
| 1966 | 51,114 | 296,179 | 43,427 | 91,364 | 219,526 | 509,875 | 719,754 | 40,160 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) |
| 1958 | 70.7 | 4,285 | 3,854 | 11,758 | 8,309 | 2.156 | 1.992 | 1,934 |
| 1959 | 72.2 | 4,376 | 3,831 | 12,144 | 8,767 | 2.289 | 1.977 | 1,938 |
| 1960 | 72.5 | 4,521 | 4,234 | 12,176 | 8,836 | 2.087 | 2.225 | 1,903 |
| 1961 | 72.2 | 4,567 | 4,350 | 12,372 | 8,927 | 2.052 | 2.251 | 1,933 |
| 1962 | 73.1 | 4,700 | 4,373 | 13,192 | 9,639 | 2.204 | 2.265 | 1,931 |
| 1963 | 71.5 | 4,971 | 4,496 | 13,721 | 9,814 | 2.183 | 2.266 | 1,984 |
| 1964 | 70.7 | 5,270 | 4,698 | 14,810 | 10,465 | 2.227 | 2.348 | 2,001 |
| 1965 | 70.5 | 5,460 | 4,786 | 15,590 | 10,987 | 2.296 | 2.326 | 2,058 |
| 1966 | 70.8 | 5,794 | 5,055 | 16,574 | 11,741 | 2.323 | 2.403 | 2,104 |

SIC 3479 METAL COATING, ENGRAVING ETC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 15,680 | 68,046 | 12,892 | 25,206 | 49,985 | 108,379 | 196,389 | 4,678 |
| 1959 | 18,357 | 79,851 | 15,424 | 31,185 | 59,205 | 137,427 | 244,888 | 6,227 |
| 1960 | 18,896 | 83,419 | 15,774 | 33,499 | 60,811 | 148,386 | 254,763 | 6,512 |
| 1961 | 18,492 | 85,201 | 15,546 | 32,665 | 61,367 | 143,775 | 241,121 | N.A. |
| 1962 | 20,069 | 95,587 | 16,256 | 32,655 | 67,408 | 166,330 | 295,400 | N.A. |
| 1963 | 20,689 | 107,110 | 17,113 | 34,998 | 79,136 | 184,546 | 322,139 | 8,656 |
| 1964 | 21,957 | 118,510 | 18,297 | 37,925 | 87,092 | 223,464 | 361,060 | N.A. |
| 1965 | 21,124 | 119,501 | 17,785 | 35,418 | 85,976 | 214,613 | 399,237 | 13,035 |
| 1966 | 25,193 | 144,990 | 21,142 | 42,311 | 103,811 | 270,554 | 469,112 | 17,903 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) |
| 1958 | 55.2 | 4,340 | 3,877 | 15,233 | 8,407 | 2.168 | 1.983 | 1,955 |
| 1959 | 56.1 | 4,350 | 3,838 | 15,877 | 8,910 | 2.321 | 1.899 | 2,022 |
| 1960 | 58.2 | 4,415 | 3,855 | 16,151 | 9,407 | 2.440 | 1.815 | 2,124 |
| 1961 | 59.6 | 4,607 | 3,947 | 18,510 | 9,248 | 2.343 | 1.963 | 2,011 |
| 1962 | 56.3 | 4,760 | 4,167 | 18,172 | 10,232 | 2.468 | 2.064 | 2,009 |
| 1963 | 57.3 | 5,182 | 4,624 | 18,824 | 10,784 | 2.332 | 2.261 | 2,045 |
| 1964 | 61.9 | 5,397 | 4,760 | 19,733 | 12,213 | 2.566 | 2.296 | 2,073 |
| 1965 | 53.8 | 5,657 | 4,834 | 22,448 | 12,067 | 2.496 | 2.427 | 1,991 |
| 1966 | 57.7 | 5,755 | 4,910 | 22,189 | 12,797 | 2.606 | 2.454 | 2,001 |

SIC 3481 FABRICATED WIRE PRODUCTS NEC

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 55,476 | 261,027 | 44,125 | 86,278 | 184,432 | 439,940 | 874,923 | 18,105 |
| 1959 | 60,714 | 308,944 | 49,322 | 103,382 | 222,745 | 535,323 | 1,052,956 | 24,856 |
| 1960 | 60,874 | 307,217 | 48,858 | 99,456 | 218,029 | 518,944 | 1,016,382 | 28,657 |
| 1961 | 57,405 | 300,298 | 45,822 | 94,876 | 208,087 | 510,512 | 983,642 | 22,473 |
| 1962 | 60,364 | 325,554 | 48,407 | 100,635 | 226,601 | 561,389 | 1,067,822 | 32,547 |
| 1963 | 55,514 | 297,626 | 45,070 | 92,096 | 213,329 | 539,137 | 1,030,876 | 24,795 |
| 1964 | 59,857 | 331,542 | 48,785 | 100,676 | 238,256 | 586,823 | 1,108,810 | 26,929 |
| 1965 | 59,329 | 342,308 | 49,097 | 100,443 | 244,305 | 633,110 | 1,178,004 | 30,273 |
| 1966 | 64,630 | 386,375 | 53,333 | 125,332 | 274,823 | 710,155 | 1,299,888 | 44,335 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 50.3 | 4,705 | 4,180 | 19,828 | 9,970 | 2.385 | 2.138 | 1,955 |
| 1959 | 50.8 | 5,089 | 4,516 | 21,349 | 10,854 | 2.403 | 2.155 | 2,096 |
| 1960 | 51.1 | 5,047 | 4,463 | 20,803 | 10,621 | 2.380 | 2.192 | 2,036 |
| 1961 | 51.9 | 5,231 | 4,541 | 21,467 | 11,141 | 2.453 | 2.193 | 2,071 |
| 1962 | 52.6 | 5,393 | 4,681 | 22,059 | 11,597 | 2.477 | 2.252 | 2,079 |
| 1963 | 52.3 | 5,361 | 4,733 | 22,873 | 11,962 | 2.527 | 2.316 | 2,043 |
| 1964 | 52.9 | 5,539 | 4,884 | 22,729 | 12,029 | 2.463 | 2.367 | 2,064 |
| 1965 | 53.7 | 5,770 | 4,976 | 23,993 | 12,895 | 2.591 | 2.432 | 2,046 |
| 1966 | 54.6 | 5,978 | 5,153 | 24,373 | 13,315 | 2.584 | 2.193 | 2,350 |

SIC 3491 METAL BARRELS, DRUMS & PAILS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 9,496 | 53,200 | 7,584 | 15,244 | 38,766 | 96,171 | 250,256 | 5,332 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | 9,769 | 55,579 | 7,827 | 14,882 | 38,978 | 93,601 | 256,342 | 5,665 |
| 1961 | 9,209 | 55,543 | 7,291 | 14,755 | 39,921 | 97,244 | 257,101 | 4,147 |
| 1962 | 9,592 | 62,158 | 7,634 | 15,956 | 45,084 | 104,419 | 279,535 | N.A. |
| 1963 | 10,508 | 66,614 | 8,480 | 17,713 | 49,127 | 119,617 | 303,423 | 6,412 |
| 1964 | 10,526 | 70,643 | 8,417 | 17,591 | 50,758 | 124,761 | 317,294 | N.A. |
| 1965 | 11,026 | 73,908 | 8,969 | 18,225 | 53,086 | 140,614 | 346,979 | 6,692 |
| 1966 | 11,876 | 81,253 | 9,670 | 19,922 | 58,434 | 146,240 | 361,709 | 11,143 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 38.4 | 5,002 | 5,112 | 32,998 | 12,681 | 2.481 | 2.543 | 2,010 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | 36.5 | 5,689 | 4,980 | 32,751 | 11,959 | 2.401 | 2.619 | 1,901 |
| 1961 | 37.8 | 6,031 | 5,475 | 35,263 | 13,338 | 2.436 | 2.706 | 2,024 |
| 1962 | 37.4 | 6,480 | 5,906 | 36,617 | 13,678 | 2.316 | 2.826 | 2,090 |
| 1963 | 39.4 | 6,339 | 5,793 | 35,781 | 14,106 | 2.435 | 2.773 | 2,089 |
| 1964 | 39.3 | 6,711 | 6,030 | 37,697 | 14,823 | 2.458 | 2.885 | 2,090 |
| 1965 | 40.5 | 6,703 | 5,919 | 38,686 | 15,678 | 2.649 | 2.913 | 2,032 |
| 1966 | 40.4 | 6,842 | 6,043 | 37,405 | 15,123 | 2.503 | 2.933 | 2,060 |

SIC 3492 SAFES & VAULTS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL | |
|------|--|------------------------------------|--|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) | |
| 1958 | 3,495 | 15,843 | 2,323 | 4,417 | 10,722 | 39,537 | 58,790 | |
| 1959 | 3,724 | 20,062 | 2,391 | 4,838 | 12,577 | 44,202 | 62,257 | |
| 1960 | 3,581 | 19,273 | 2,368 | 4,661 | 12,253 | 46,614 | 66,183 | |
| 1961 | 3,383 | 20,183 | 2,169 | 4,456 | 12,231 | 49,240 | 69,546 | |
| 1962 | 3,300 | 20,825 | 2,070 | 4,390 | 12,323 | 50,901 | 71,254 | |
| 1963 | 3,346 | 21,782 | 2,304 | 4,817 | 14,041 | 56,223 | 78,012 | |
| 1964 | 3,309 | 22,518 | 2,229 | 4,726 | 13,945 | 56,511 | 82,717 | |
| 1965 | 3,451 | 23,111 | 2,315 | 4,792 | 14,917 | 58,966 | 86,606 | |
| 1966 | 3,556 | 25,065 | 2,417 | 4,827 | 16,032 | 64,401 | 91,752 | |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 67.3 | 4,533 | 4,616 | 25,308 | 17,020 | 3.687 | 2.427 | 1,901 |
| 1959 | 71.0 | 5,387 | 5,260 | 26,038 | 18,487 | 3.515 | 2.600 | 2,023 |
| 1960 | 70.4 | 5,382 | 5,174 | 27,949 | 19,685 | 3.804 | 2.629 | 1,968 |
| 1961 | 70.8 | 5,966 | 5,639 | 32,064 | 22,702 | 4.026 | 2.745 | 2,054 |
| 1962 | 71.4 | 6,311 | 5,953 | 34,422 | 24,590 | 4.131 | 2.807 | 2,121 |
| 1963 | 72.1 | 6,510 | 6,094 | 33,859 | 24,402 | 4.004 | 2.915 | 2,091 |
| 1964 | 68.3 | 6,805 | 6,256 | 37,109 | 25,353 | 4.052 | 2.951 | 2,120 |
| 1965 | 68.1 | 6,697 | 6,444 | 37,411 | 25,471 | 3.953 | 3.113 | 2,070 |
| 1966 | 70.2 | 7,049 | 6,633 | 37,961 | 26,645 | 4.017 | 3.321 | 1,997 |

SIC 3493 STEEL SPRINGS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 6,758 | 35,607 | 5,242 | 9,978 | 25,499 | 54,135 | 120,525 | 1,721 |
| 1959 | 7,078 | 40,824 | 5,592 | 11,045 | 29,535 | 67,644 | 150,398 | N.A. |
| 1960 | 6,629 | 40,337 | 5,235 | 10,718 | 29,672 | 65,442 | 143,274 | 2,626 |
| 1961 | 6,356 | 38,570 | 4,891 | 9,901 | 27,720 | 60,508 | 131,091 | N.A. |
| 1962 | 7,036 | 45,680 | 5,489 | 11,573 | 33,717 | 77,303 | 165,132 | 2,954 |
| 1963 | 6,287 | 41,321 | 5,110 | 10,633 | 31,398 | 69,305 | 157,704 | 1,962 |
| 1964 | 5,766 | 39,247 | 4,650 | 9,668 | 29,788 | 66,956 | 151,893 | N.A. |
| 1965 | 5,921 | 40,285 | 4,721 | 9,729 | 30,071 | 61,549 | 151,427 | 1,765 |
| 1966 | 5,927 | 41,255 | 4,753 | 9,936 | 30,904 | 69,660 | 162,151 | 2,416 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 44.9 | 5,269 | 4,864 | 22,992 | 10,327 | 2.123 | 2.556 | 1,903 |
| 1959 | 45.0 | 5,768 | 5,282 | 26,895 | 12,097 | 2.290 | 2.674 | 1,975 |
| 1960 | 45.7 | 6,085 | 5,668 | 27,368 | 12,501 | 2.206 | 2.768 | 2,047 |
| 1961 | 46.2 | 6,068 | 5,668 | 26,802 | 12,371 | 2.183 | 2.800 | 2,024 |
| 1962 | 46.8 | 6,492 | 6,143 | 30,084 | 14,083 | 2.293 | 2.913 | 2,108 |
| 1963 | 43.9 | 6,572 | 6,144 | 30,862 | 13,563 | 2.207 | 2.953 | 2,081 |
| 1964 | 44.1 | 6,807 | 6,406 | 32,665 | 14,399 | 2.248 | 3.081 | 2,079 |
| 1965 | 40.6 | 6,804 | 6,370 | 32,075 | 13,037 | 2.047 | 3.091 | 2,061 |
| 1966 | 43.0 | 6,961 | 6,502 | 34,116 | 14,656 | 2.254 | 3.110 | 2,090 |

SIC 3494 VALVES & PIPE FITTINGS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 76,844 | 410,225 | 55,930 | 110,634 | 269,608 | 732,618 | 1,263,960 | 34,108 |
| 1959 | 75,980 | 424,354 | 56,096 | 110,748 | 280,416 | 820,939 | 1,357,093 | 35,066 |
| 1960 | 74,987 | 424,565 | 54,205 | 105,682 | 273,009 | 768,973 | 1,343,254 | 32,004 |
| 1961 | 76,358 | 446,371 | 54,199 | 107,417 | 277,651 | 820,905 | 1,418,545 | 29,911 |
| 1962 | 81,278 | 491,448 | 57,933 | 116,414 | 311,696 | 932,953 | 1,570,548 | 38,351 |
| 1963 | 80,407 | 500,009 | 58,148 | 116,929 | 321,239 | 942,700 | 1,588,509 | 38,951 |
| 1964 | 81,871 | 533,498 | 59,124 | 123,265 | 344,695 | 1,003,943 | 1,691,479 | N.A. |
| 1965 | 87,879 | 580,410 | 63,071 | 129,570 | 368,800 | 1,165,678 | 1,933,868 | 44,408 |
| 1966 | 92,182 | 642,353 | 66,145 | 138,701 | 410,632 | 1,321,611 | 2,208,977 | 67,851 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 58.0 | 5,338 | 4,820 | 22,599 | 13,099 | 2.717 | 2.437 | 1,978 |
| 1959 | 60.5 | 5,585 | 4,999 | 24,192 | 14,635 | 2.928 | 2.532 | 1,974 |
| 1960 | 57.2 | 5,662 | 5,037 | 24,781 | 14,186 | 2.817 | 2.583 | 1,950 |
| 1961 | 57.9 | 5,846 | 5,123 | 26,173 | 15,146 | 2.957 | 2.585 | 1,982 |
| 1962 | 59.4 | 6,047 | 5,380 | 27,110 | 16,104 | 2.993 | 2.677 | 2,009 |
| 1963 | 59.3 | 6,218 | 5,525 | 27,318 | 16,212 | 2.935 | 2.747 | 2,011 |
| 1964 | 59.4 | 6,516 | 5,830 | 28,609 | 16,980 | 2.913 | 2.796 | 2,085 |
| 1965 | 60.3 | 6,605 | 5,847 | 30,662 | 18,482 | 3.161 | 2.846 | 2,054 |
| 1966 | 59.8 | 6,968 | 6,208 | 33,396 | 19,981 | 3.218 | 2.961 | 2,097 |

SIC 3496 COLLAPSIBLE TUBES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 3,837 | 16,118 | 3,367 | 6,852 | 12,453 | 25,257 | 44,700 | 1,572 |
| 1959 | 4,039 | 17,317 | 3,563 | 7,250 | 15,355 | 28,443 | 48,673 | 2,060 |
| 1960 | 3,955 | 17,539 | 3,493 | 7,145 | 15,616 | 28,877 | 48,625 | 1,244 |
| 1961 | 4,177 | 18,058 | 3,433 | 7,349 | 16,204 | 27,395 | 47,977 | 842 |
| 1962 | 4,062 | 18,362 | 3,632 | 7,222 | 16,309 | 28,854 | 47,630 | 2,054 |
| 1963 | 3,984 | 18,804 | 3,540 | 6,923 | 14,771 | 30,562 | 51,027 | 1,925 |
| 1964 | 4,107 | 19,714 | 3,675 | 7,211 | 15,568 | 33,766 | 55,094 | 1,931 |
| 1965 | 4,310 | 20,448 | 3,896 | 7,660 | 16,081 | 36,588 | 60,910 | 1,431 |
| 1966 | 4,472 | 23,280 | 4,051 | 8,017 | 18,699 | 38,779 | 64,987 | 3,250 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 56.5 | 4,201 | 3,699 | 13,276 | 7,501 | 2.028 | 1.817 | 2,035 |
| 1959 | 58.4 | 4,287 | 4,310 | 13,661 | 7,983 | 1.852 | 2.118 | 2,035 |
| 1960 | 59.4 | 4,435 | 4,471 | 13,921 | 8,267 | 1.849 | 2.186 | 2,046 |
| 1961 | 57.1 | 4,323 | 4,720 | 13,975 | 7,980 | 1.691 | 2.205 | 2,141 |
| 1962 | 60.6 | 4,520 | 4,490 | 13,114 | 7,944 | 1.769 | 2.258 | 1,988 |
| 1963 | 59.9 | 4,720 | 4,173 | 14,414 | 8,633 | 2.069 | 2.134 | 1,956 |
| 1964 | 61.3 | 4,800 | 4,236 | 14,992 | 9,188 | 2.169 | 2.159 | 1,962 |
| 1965 | 60.1 | 4,744 | 4,128 | 15,634 | 9,391 | 2.275 | 2.099 | 1,966 |
| 1966 | 59.7 | 5,206 | 4,616 | 16,042 | 9,573 | 2.074 | 2.332 | 1,979 |

SIC 3497 METAL FOIL AND LEAF

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 3,500 | 18,709 | 2,522 | 5,149 | 12,118 | 38,063 | 96,438 | 3,296 |
| 1959 | 3,376 | 20,839 | 2,441 | 5,543 | 14,239 | 41,560 | 110,071 | N.A. |
| 1960 | 3,275 | 20,888 | 2,369 | 5,473 | 13,456 | 43,125 | 109,527 | N.A. |
| 1961 | 3,109 | 20,826 | 2,226 | 4,969 | 13,534 | 40,248 | 102,185 | N.A. |
| 1962 | 3,465 | 23,688 | 2,410 | 5,454 | 15,228 | 48,912 | 120,593 | N.A. |
| 1963 | 4,981 | 32,438 | 3,733 | 7,831 | 21,775 | 63,486 | 180,567 | 6,410 |
| 1964 | 4,969 | 33,813 | 3,667 | 7,472 | 22,218 | 60,116 | 186,802 | N.A. |
| 1965 | 5,195 | 36,692 | 3,537 | 8,090 | 22,736 | 63,683 | 196,794 | 6,692 |
| 1966 | 5,456 | 40,244 | 3,997 | 8,708 | 26,537 | 79,101 | 200,503 | 6,567 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 39.5 | 5,345 | 4,805 | 38,239 | 15,092 | 3.141 | 2.353 | 2,042 |
| 1959 | 37.8 | 6,173 | 5,833 | 45,093 | 17,026 | 2.919 | 2.569 | 2,271 |
| 1960 | 39.4 | 6,378 | 5,680 | 46,233 | 18,204 | 3.205 | 2.459 | 2,310 |
| 1961 | 39.4 | 6,699 | 6,080 | 45,905 | 18,081 | 2.974 | 2.724 | 2,232 |
| 1962 | 40.6 | 6,836 | 6,319 | 50,039 | 20,295 | 3.212 | 2.792 | 2,263 |
| 1963 | 35.2 | 6,512 | 5,833 | 48,370 | 17,007 | 2.916 | 2.781 | 2,098 |
| 1964 | 32.2 | 6,805 | 6,059 | 50,941 | 16,394 | 2.706 | 2.974 | 2,038 |
| 1965 | 32.4 | 7,063 | 6,428 | 55,639 | 18,005 | 2.801 | 2.810 | 2,287 |
| 1966 | 39.5 | 7,376 | 6,639 | 50,163 | 19,790 | 2.981 | 3.047 | 2,179 |

SIC 3498 FABRICATED PIPE & FITTINGS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 15,214 | 84,015 | 11,139 | 22,238 | 55,347 | 155,621 | 329,979 | 4,103 |
| 1959 | 13,331 | 77,990 | 9,706 | 20,001 | 50,159 | 143,401 | 327,124 | 5,494 |
| 1960 | 13,464 | 77,542 | 9,738 | 19,885 | 50,712 | 124,256 | 304,973 | 5,224 |
| 1961 | 11,841 | 71,991 | 8,510 | 16,977 | 46,125 | 136,448 | 287,401 | N.A. |
| 1962 | 12,090 | 77,328 | 8,699 | 17,768 | 50,475 | 130,264 | 301,593 | 3,417 |
| 1963 | 13,007 | 79,087 | 9,346 | 18,733 | 51,671 | 144,598 | 305,640 | 5,099 |
| 1964 | 14,043 | 88,146 | 10,404 | 21,116 | 59,592 | 163,760 | 348,025 | 4,565 |
| 1965 | 15,354 | 96,476 | 11,496 | 22,917 | 65,564 | 172,094 | 400,458 | 6,277 |
| 1966 | 16,328 | 109,924 | 11,839 | 24,376 | 70,349 | 145,910 | 463,017 | 8,776 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 47.2 | 5,522 | 4,969 | 29,624 | 13,971 | 2.812 | 2.489 | 1,996 |
| 1959 | 43.8 | 5,850 | 5,168 | 33,703 | 14,774 | 2.859 | 2.508 | 2,061 |
| 1960 | 40.7 | 5,759 | 5,208 | 31,318 | 12,760 | 2.450 | 2.550 | 2,042 |
| 1961 | 47.5 | 6,080 | 5,420 | 33,772 | 16,034 | 2.958 | 2.717 | 1,995 |
| 1962 | 43.2 | 6,396 | 5,802 | 34,670 | 16,975 | 2.581 | 2.841 | 2,043 |
| 1963 | 47.3 | 6,080 | 5,529 | 32,703 | 15,472 | 2.798 | 2.758 | 2,004 |
| 1964 | 47.1 | 6,277 | 5,728 | 33,451 | 15,740 | 2.748 | 2.822 | 2,030 |
| 1965 | 43.0 | 6,283 | 5,703 | 34,835 | 14,970 | 2.625 | 2.861 | 1,993 |
| 1966 | 31.5 | 6,732 | 5,942 | 39,109 | 12,325 | 2.074 | 2.886 | 2,059 |

SIC 3499 FABRICATED METAL PRODUCTS NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 20,200 | 93,199 | 15,600 | 29,845 | 62,747 | 180,132 | 340,096 | 11,362 |
| 1959 | 23,027 | 108,601 | 17,870 | 34,058 | 73,104 | 212,268 | 397,915 | N.A. |
| 1960 | 22,527 | 112,386 | 17,027 | 36,160 | 72,559 | 199,811 | 403,688 | 12,605 |
| 1961 | 21,237 | 112,807 | 15,819 | 33,798 | 69,773 | 204,000 | 401,629 | 10,741 |
| 1962 | 24,125 | 130,817 | 18,258 | 39,071 | 84,439 | 237,877 | 469,200 | N.A. |
| 1963 | 28,302 | 151,919 | 22,209 | 45,673 | 105,063 | 299,326 | 573,185 | 16,189 |
| 1964 | 31,342 | 176,150 | 24,692 | 51,130 | 119,551 | 318,357 | 655,789 | 21,487 |
| 1965 | 31,042 | 184,136 | 24,252 | 50,500 | 126,920 | 353,929 | 704,833 | 26,409 |
| 1966 | 37,270 | 229,377 | 29,736 | 59,519 | 155,730 | 441,191 | 850,255 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 53.0 | 4,614 | 4,022 | 21,801 | 11,547 | 2.871 | 2.102 | 1,913 |
| 1959 | 53.3 | 4,716 | 4,091 | 22,267 | 11,878 | 2.904 | 2.146 | 1,906 |
| 1960 | 49.5 | 4,989 | 4,261 | 23,709 | 11,735 | 2.754 | 2.007 | 2,124 |
| 1961 | 50.8 | 5,312 | 4,411 | 25,389 | 12,896 | 2.924 | 2.064 | 2,137 |
| 1962 | 50.7 | 5,422 | 4,625 | 25,698 | 13,029 | 2.817 | 2.161 | 2,140 |
| 1963 | 52.2 | 5,368 | 4,731 | 25,809 | 13,478 | 2.849 | 2.300 | 2,057 |
| 1964 | 48.5 | 5,620 | 4,842 | 26,559 | 12,893 | 2.663 | 2.338 | 2,071 |
| 1965 | 50.2 | 5,932 | 5,233 | 29,063 | 14,594 | 2.789 | 2.513 | 2,082 |
| 1966 | 51.9 | 6,154 | 5,237 | 28,593 | 14,837 | 2.833 | 2.616 | 2,002 |

Table II-5.--PRIMARY METALS AND FABRICATED METAL PRODUCTS INDUSTRIES RANKED BY GROWTH IN VALUE OF SHIPMENTS, 1958-66

| Rank | SIC | Description | Value of shipments (\$1,000) | | Ratio 1966/1958 |
|------|------|--|---------------------------------|------------|--------------------|
| | | | 1958 | 1966 | |
| | | PRIMARY METAL INDUSTRIES | | | |
| 1 | 3339 | Primary nonferrous metals, n.e.c..... | 96,565 | 321,398 | 3.328 |
| 2 | 3392 | Nonferrous forgings..... | 98,694 | 311,445 | 3.156 |
| 3 | 3399 | Primary metal industries, n.e.c..... | 141,172 | 398,826 | 2.822 |
| 4 | 3357 | Nonferrous wire drawings, etc..... | 1,465,999 | 3,711,128 | 2.531 |
| 5 | 3341 | Secondary nonferrous metals..... | 724,013 | 1,709,175 | 2.361 |
| 6 | 3351 | Copper rolling and drawing..... | 1,209,926 | 2,846,343 | 2.352 |
| 7 | 3361 | Aluminum castings..... | 422,041 | 916,773 | 2.172 |
| 8 | 3356 | Rolling and drawing, n.e.c..... | 486,308 | 1,051,144 | 2.161 |
| 9 | 3323 | Steel foundries..... | 596,276 | 1,278,952 | 2.145 |
| 10 | 3369 | Nonferrous castings, n.e.c..... | 234,649 | 498,289 | 2.124 |
| 11 | 3322 | Malleable iron foundries..... | 214,537 | 449,429 | 2.095 |
| 12 | 3362 | Brass, bronze, and copper castings.... | 220,955 | 451,703 | 2.044 |
| 13 | 3316 | Cold finishing of steel shapes..... | 477,824 | 975,702 | 2.042 |
| 14 | 3352 | Aluminum rolling and drawing..... | 1,562,381 | 3,099,846 | 1.984 |
| 15 | 3331 | Primary copper..... | 861,087 | 1,701,133 | 1.976 |
| 16 | 3321 | Gray iron foundries..... | 1,434,701 | 2,728,235 | 1.902 |
| 17 | 3391 | Iron and steel forgings..... | 687,270 | 1,273,079 | 1.852 |
| 18 | 3334 | Primary aluminum..... | 808,822 | 1,496,221 | 1.850 |
| 19 | 3333 | Primary zinc..... | 208,993 | 379,857 | 1.818 |
| 20 | 3315 | Steel wire drawing, etc..... | 452,062 | 799,557 | 1.769 |
| 21 | 3312 | Blast furnaces and steel mills..... | 13,422,585 | 21,193,296 | 1.579 |
| 22 | 3317 | Steel pipe and tubes..... | 780,684 | 1,072,346 | 1.374 |
| 23 | 3313 | Electrometallurgical products..... | 399,122 | 509,293 | 1.276 |
| 24 | 3332 | Primary lead..... | 316,934 | 367,442 | 1.159 |
| | | FABRICATED METAL PRODUCTS | | | |
| 1 | 3499 | Fabricated metal products, n.e.c..... | 340,096 | 850,255 | 2.500 |
| 2 | 3479 | Metal coating, engraving, etc..... | 196,389 | 469,112 | 2.389 |
| 3 | 3451 | Screw machine products..... | 425,113 | 948,965 | 2.232 |
| 4 | 3421 | Cutlery..... | 179,271 | 373,574 | 2.084 |
| 5 | 3497 | Metal foil and leaf..... | 96,438 | 200,503 | 2.079 |
| 6 | 3471 | Plating and polishing..... | 359,116 | 719,754 | 2.004 |
| 7 | 3452 | Bolts, nuts, rivets and washers..... | 880,328 | 1,661,804 | 1.888 |
| 8 | 3423 | Hand and edge tools..... | 440,150 | 808,131 | 1.836 |
| 9 | 3461 | Metal stampings..... | 2,095,409 | 3,755,849 | 1.792 |
| 10 | 3494 | Valves and pipe fittings..... | 1,263,960 | 2,208,977 | 1.748 |
| 11 | 3429 | Hardware, n.e.c..... | 1,347,879 | 2,434,772 | 1.739 |
| 12 | 3425 | Hand saws and saw blades..... | 87,626 | 149,897 | 1.711 |
| 13 | 3444 | Sheet metal work..... | 1,077,811 | 1,834,784 | 1.702 |
| 14 | 3432 | Plumbing fixtures, brass goods..... | 250,326 | 396,256 | 1.583 |
| 15 | 3492 | Safes and vaults..... | 58,790 | 91,752 | 1.561 |
| 16 | 3481 | Fabricated wire products, n.e.c..... | 874,923 | 1,299,888 | 1.486 |
| 17 | 344X | Architectural metal work..... | 917,151 | 1,356,486 | 1.479 |
| 18 | 3496 | Collapsible tubes..... | 44,700 | 64,897 | 1.454 |
| 19 | 3491 | Metal barrels, drums and pails..... | 250,256 | 361,709 | 1.445 |
| 20 | 3411 | Metal cans..... | 1,824,106 | 2,631,312 | 1.442 |
| 21 | 3498 | Fabricated pipe and fittings..... | 329,979 | 463,017 | 1.403 |
| 22 | 3443 | Boiler shop products..... | 1,670,007 | 2,323,287 | 1.391 |
| 23 | 3441 | Fabricated structural steel..... | 1,901,106 | 2,601,672 | 1.368 |
| 24 | 3442 | Metal doors, sash and trim..... | 1,037,371 | 1,397,174 | 1.347 |
| 25 | 3493 | Steel springs..... | 120,525 | 162,151 | 1.345 |
| 26 | 3433 | Heating equipment, except electric.... | 912,878 | 1,167,276 | 1.279 |
| 27 | 3431 | Plumbing fixtures, metal..... | 214,872 | 262,305 | 1.221 |

Table II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, METALS AND FABRICATED METAL PRODUCTS, 1958-1966
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-----------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| PRIMARY METALS | | | | | | | | | | | |
| 3312- | BLAST FURNACE & STEEL MILL PRODUCTS | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33122 | STEEL INGOT & SEMIFINISHED SHAPES | 1,847 | 2,154 | 2,009 | 1,978 | 2,017 | 2,035 | 2,541 | 2,716 | 2,808 | 1.52 |
| 33123 | HOT ROLLED SHEET & STRIP, INC. TIN-MILL PRODUCTS | 3,169 | 3,154 | 3,638 | 3,543 | 3,737 | 3,970 | 4,495 | 4,755 | 4,667 | 1.47 |
| 33124 | HOT ROLLED BARS & BAR SHAPES, PLATES, STRUCTURAL SHAPES & PILING | 2,880 | 3,213 | 3,393 | 3,153 | 3,359 | 3,668 | 4,214 | 4,871 | 4,937 | 1.71 |
| 33128 | COLD-FINISHED STEEL BARS & BAR SHAPES (SEE 3316W) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33129 | PRESS & HAMMER STEEL FURTINGS (SEE 3391V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33120 | OTHER STEEL MILL PRODUCTS, EXC. WIRE PRODUCTS | 199 | 214 | 214 | 162 | 176 | 226 | 246 | 291 | 367 | NC |
| 3312U | PLAST FURNACE & ELECTROMETALLURGICAL PRODUCTS EXC. FERROCHROME & FERROSILICON (INC. 33121 & 3313A) | NA | 1,511 | 1,486 | 1,386 | 1,356 | 1,731 | 1,529 | 1,583 | 1,607 | NA |
| 3312V | STEEL WIRE (INC. 33125 & 33155) | 565 | 667 | 593 | 575 | 601 | 622 | 662 | 722 | 732 | 1.30 |
| 3312W | STEEL PIPE & TUBE (INC. 33126 & 33176) | 1,724 | 2,092 | 1,774 | 1,820 | 1,824 | 1,887 | 2,142 | 2,428 | 2,634 | 1.53 |
| 3312X | COLD-ROLLED STEEL SHEET & STRIP (INC. 33127 & 33167) | 2,092 | 2,587 | 2,775 | 2,432 | 2,664 | 2,873 | 3,152 | 3,437 | 3,383 | 1.62 |
| 3313- | ELECTROMETALLURGICAL PRODUCTS | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33132 | FERROCHROME | NA | 115 | 91 | 94 | 81 | 85 | 101 | 106 | 112 | NA |
| 33133 | FERROSILICON | NA | 78 | 68 | 81 | 79 | 78 | 88 | 109 | 115 | NA |
| 33130 | ELECTROMETALLURGICAL PRODUCTS, N.S.K. | NA | NA | NA | NA | NA | 2 | 3 | 1 | 2 | NC |
| 3313A | OTHER FERROALLOYS (SEE 3312V) (INC. 33132 & 33133) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 3315- | STEEL WIRE & FABRICATED WIRE PRODUCTS | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33152 | STEEL NAILS & SPIKES | 159 | 154 | 133 | 132 | 139 | 153 | 155 | 170 | 182 | 1.14 |
| 33155 | STEEL WIRE (SEE 3312V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33157 | FERROUS WIRE CLOTH & OTHER WOVEN WIRE PRODUCTS (SEE 3481X) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33159 | OTHER FABRICATED FERROUS WIRE PRODUCTS (SEE 3481V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33150 | STEEL WIRE DRAWINGS, N.S.K. | 6 | *7 | *9 | *10 | *11 | 21 | 18 | 3 | *8 | NC |
| 3315W | NONINSULATED FERROUS WIRE ROPE, CABLE, & STRAND (INC. 34811 & 33151) | 163 | 191 | 185 | 179 | 191 | 190 | 204 | 241 | 253 | 1.55 |
| 3315X | FENCING & FENCE GATES (INC. 33156 & 34816) | 103 | 111 | 104 | 113 | 111 | 115 | 127 | 139 | 144 | 1.40 |
| 3316- | COLD FINISHED STEEL SHAPES | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33167 | COLD-ROLLED STEEL SHEET & STRIP (SEE 3312X) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33160 | COLD-ROLLED SHEET, STRIP & BAR, N.S.K. | NA | NA | NA | NA | NA | 3 | 0 | 1 | 0 | NC |
| 3316W | COLD-FINISHED STEEL BARS & BAR SHAPES (INC. 33128 & 33168) | 339 | 468 | 448 | 407 | 466 | 473 | 532 | 643 | 700 | 2.06 |
| 3317- | STEEL PIPE & TUBES (NOT MADE IN STEEL MILLS) | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33176 | STEEL PIPE & TUBE (SEE 3312W) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 3321- | GRAY IRON FOUNDRIES | 1,528 | 1,904 | 1,789 | 1,680 | 1,893 | 2,046 | 2,367 | 2,684 | 2,839 | 1.86 |
| 33211 | MOLDS FOR HEAVY STEEL INGOTS | 148 | 188 | 191 | 173 | 175 | 188 | 221 | 245 | 247 | 1.67 |
| 33212 | CAST IRON PRESSURE PIPE | 196 | 214 | 202 | 202 | 205 | 231 | 270 | 290 | 283 | 1.44 |
| 33213 | CAST IRON SOIL PIPE & FITTINGS | 120 | 139 | 128 | 136 | 151 | 152 | 162 | 175 | 179 | 1.49 |
| 33214 | ALL OTHER GRAY IRON CASTINGS | 995 | 1,295 | 1,226 | 1,125 | 1,303 | 1,433 | 1,670 | 1,936 | 2,090 | 2.10 |
| 33210 | GRAY IRON CASTINGS, N.S.K. | 69 | NA | NA | NA | NA | 43 | 44 | *38 | *40 | NC |
| 3322- | MALLEABLE IRON CASTINGS | 203 | 286 | 262 | 248 | 290 | 314 | 363 | 418 | 448 | 2.20 |
| 33220 | MALLEABLE IRON CASTINGS | 203 | 286 | 262 | 248 | 290 | 314 | 363 | 418 | 448 | 2.20 |
| 3323- | STEEL CASTINGS | 588 | 731 | 707 | 643 | 743 | 815 | 958 | 1,109 | 1,278 | 2.17 |
| 33230 | STEEL CASTINGS | 588 | 731 | 707 | 643 | 743 | 815 | 958 | 1,109 | 1,278 | 2.17 |

TABLE II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, METALS AND FABRICATED METAL PRODUCTS, 1958-1966-Con.
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 3331- | PRIMARY COPPER | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33311 | COPPER SMELTER PRODUCTS | 398 | 350 | 600 | 620 | 643 | 629 | 669 | 756 | 835 | 2.10 |
| 3331V | REFINED COPPER (INC. 33312 & 33412) | 480 | 475 | 603 | 616 | 637 | 669 | 785 | 969 | 1,129 | 2.35 |
| 3332- | PRIMARY LEAD | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33321 | LEAD SMELTER PRODUCTS | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 33323 | REFINED LEAD (SEE 3341W) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 3333- | PRIMARY ZINC | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33331 | ZINC RESIDUES & OTHER ZINC SMELTER PRODUCTS | 26 | 28 | 26 | 26 | 34 | 35 | 35 | 40 | 45 | 1.74 |
| 3333V | REFINED ZINC PRODUCTS (INC. 33334 & 33414) | 207 | 238 | 247 | 253 | 244 | 274 | 318 | 359 | 380 | 1.84 |
| 3334- | PRIMARY ALUMINUM | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 3334V | ALUMINUM INGOT & BILLETS (INC. 33347, 33348, 33417, 33418, 33527 & 33528) | 1,058 | 1,285 | 1,262 | 1,294 | 1,305 | 1,412 | 1,597 | 1,816 | 1,948 | 1.84 |
| 3339- | PRIMARY NONFERROUS METALS, N.E.C. | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33390 | NONFERROUS METALS, N.E.C., N.S.K. (INC. IN 33397) | 1 | NA | NA | NA | NA | NA | NA | 3 | 5 | NC |
| 3339V | PRECIOUS METALS (INC. 33395 & 33415) | 199 | 148 | NA | NA | NA | 246 | 267 | 285 | 328 | 1.65 |
| 3339W | OTHER NONFERROUS METALS (INC. 33397 & 33416) | 163 | 168 | 216 | 217 | 239 | 193 | 223 | 244 | 299 | 1.83 |
| 3341- | SECONDARY NONFERROUS METALS | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33412 | REFINED COPPER (SEE 3331V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33414 | REFINED ZINC PRODUCTS (SEE 3333V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33415 | PRECIOUS METALS (SEE 3339V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33416 | OTHER NONFERROUS METALS (SEE 3339W) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33417 | ALUMINUM INGOT MADE BY SECONDARY SMELTERS (SEE CODE 3334V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33418 | ALUMINUM EXTRUSION BILLET MADE BY SECONDARY SMELTERS (SEE CODE 3334V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33410 | SECONDARY NONFERROUS SMELTING & REFINING, N.S.K. | 22 | NA | NA | NA | NA | 24 | 24 | *17 | *21 | NC |
| 3341W | REFINED LEAD (INC. 33323 & 33413) | 281 | 278 | 280 | 276 | 260 | 266 | 353 | 433 | 439 | 1.56 |
| 3351- | COPPER ROLLING & DRAWING PRODUCTS | 1,034 | 1,389 | 1,243 | 1,315 | 1,468 | 1,545 | 1,761 | 2,122 | 2,655 | 2.57 |
| 33511 | COPPER & COPPER-BASE ALLOY WIRE (BARE & TINNED) FOR PURPOSES OTHER THAN ELECTRICAL TRANSMISSION | 48 | 64 | 55 | 56 | 59 | 73 | 81 | 101 | 143 | 2.98 |
| 33512 | ROLLED, DRAWN, & EXTRUDED COPPER & COPPER-BASE ALLOY MILL PRODUCTS | 987 | 1,325 | 1,188 | 1,259 | 1,409 | 1,471 | 1,680 | 2,021 | 2,513 | 2.55 |
| 3352- | ALUMINUM ROLLING & DRAWING PRODUCTS | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33521 | ALUMINUM & ALUMINUM-BASE ALLOY WIRE (INC. ACSR) (SEE 3357V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33522 | ALUMINUM PLATE & SHEET (INC. FOIL STOCK) | 646 | 798 | 701 | 747 | 836 | 850 | 890 | 1,047 | 1,221 | 1.89 |
| 33523 | PLAIN ALUMINUM FOIL | NA | NA | NA | NA | NA | 129 | 133 | 160 | 194 | NA |
| 33524 | ROLLED ALUMINUM ROD, BAR, & STRUCTURAL SHAPES | 111 | 138 | 99 | 111 | 120 | 145 | 163 | 214 | 282 | 2.56 |
| 33525 | EXTRUDED ALUMINUM ROD, BAR & OTHER EXTRUDED SHAPES | 272 | 349 | 314 | 333 | 341 | 397 | 403 | 457 | 591 | 2.17 |
| 33526 | ALUMINUM TUBE | 90 | 112 | 93 | 102 | 129 | 139 | 148 | 164 | 195 | 2.18 |
| 33527 | ALUMINUM INGOT MADE IN ALUMINUM ROLLING MILLS (SEE CODE 3334V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33528 | ALUMINUM EXTRUSION BILLET MADE IN ALUMINUM ROLLING MILLS (SEE CODE 3334V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 33520 | ALUMINUM ROLLING & DRAWING, N.S.K. | NA | NA | NA | NA | NA | 12 | *26 | *1 | *4 | NC |
| 3356- | NONFERROUS METAL ROLLING & DRAWING PRODUCTS, N.E.C., INC. ROLLED NONFERROUS WIRE, N.E.C. | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |

TABLE II-6.--VALUE OF SHIPMENTS OF PRODUCT CLASSES, METALS AND FABRICATED METAL PRODUCTS, 1958-1966--Con.
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|----------------------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 33560 | NONFERROUS METAL ROLLING & DRAWING, N.E.C., INC. NONFERROUS WIRE N.E.C. MADE IN ROLLING MILLS, N.E.C. (SEE 33575) | 428 | NA | NA | NA | NA | 597 | 643 | 717 | 903 | 2.11 |
| 3357- | NONFERROUS WIRE & FABRICATED WIRE PRODUCTS, N.E.C. | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33572 | COPPER & COPPER-BASE ALLOY WIRE (INC. STRAND & CABLE) BARE & TINNED, FOR ELECTRICAL TRANSMISSION | 156 | 204 | 190 | 195 | 231 | 245 | 286 | 356 | 454 | 2.90 |
| 33573 | OTHER NONFERROUS METAL WIRE, EXC. INSULATED (EXC. WOVEN WIRE PRODUCTS) (SEE 33560) | NA | NA | NA | NA | NA | 33 | 28 | 37 | 47 | NA |
| 33574 | COMMUNICATION WIRE & CABLE | 365 | 444 | 489 | 432 | 4,852 | 582 | 609 | 755 | 948 | 2.59 |
| 33575 | NONFERROUS WIRE CLOTH & OTHER WOVEN WIRE PRODUCTS (SEE 3481Z) | --- | --- | --- | --- | --- | --- | --- | --- | --- | NA |
| 33577 | MAGNET WIRE | 183 | 254 | 239 | 244 | 267 | 258 | 305 | 381 | 458 | 2.50 |
| 33578 | POWER WIRE & CABLE | 195 | 188 | 199 | 184 | 194 | 219 | 269 | 308 | 408 | 2.10 |
| 33579 | OTHER INSULATED WIRE & CABLE, N.E.C. | 405 | 471 | 433 | 455 | 460 | 454 | 526 | 647 | 823 | 2.04 |
| 33570 | DRAWN & INSULATED NONFERROUS WIRE, N.S.K. | 10 | NA | NA | NA | NA | 15 | *13 | 12 | 10 | NC |
| 3357V | ALUMINUM & ALUMINUM-BASE ALLOY WIRE (INC. ACSR) (INC. 33521 & 33571) | 101 | 115 | 121 | 135 | 155 | 128 | 138 | 204 | 212 | 2.11 |
| 3357X | APPLIANCE WIRE & CORD & FLEXIBLE CORD SETS (INC. 33576 & 36996) | 127 | 150 | 145 | 147 | 159 | 168 | 185 | 223 | 288 | 2.27 |
| 3361- | ALUMINUM & ALUMINUM-BASE ALLOY CASTINGS | 400 | 526 | 538 | 531 | 624 | 607 | 655 | 745 | 918 | 2.30 |
| 33610 | ALUMINUM & ALUMINUM-BASE ALLOY CASTINGS | 400 | 526 | 538 | 531 | 624 | 607 | 655 | 745 | 918 | 2.30 |
| 3362- | COPPER & COPPER-BASE ALLOY CASTINGS | 223 | 263 | 248 | 253 | 269 | 300 | 336 | 383 | 464 | 2.08 |
| 33620 | COPPER & COPPER-BASE ALLOY CASTINGS | 223 | 263 | 248 | 253 | 269 | 300 | 336 | 383 | 464 | 2.08 |
| 3369- | NONFERROUS CASTINGS, N.E.C. | 233 | 272 | 262 | 245 | 283 | 306 | 339 | 413 | 468 | 2.01 |
| 33690 | NONFERROUS CASTINGS, N.E.C. | 233 | 272 | 262 | 245 | 283 | 306 | 339 | 413 | 468 | 2.01 |
| 3391- | IRON & STEEL FORGINGS | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 33911 | DROP, UPSET, & PRESS STEEL FORGINGS (CLOSED DIE) | 535 | 716 | 709 | 629 | 776 | 765 | 862 | 968 | 1,086 | 2.03 |
| 33910 | IRON & STEEL FORGINGS, N.S.K. | 13 | NA | NA | NA | NA | 16 | 21 | *20 | *11 | NC |
| 3391V | PRESS & HAMMER STEEL FORGINGS (INC. 33129 & 33919) | 235 | NA | NA | NA | NA | 294 | 352 | 377 | 410 | 1.75 |
| 3392- | NONFERROUS FORGINGS | 132 | 151 | 151 | 165 | 223 | 198 | 215 | 237 | 334 | 2.53 |
| 33920 | NONFERROUS FORGINGS | 132 | 151 | 151 | 165 | 223 | 198 | 215 | 237 | 334 | 2.53 |
| 3399- | PRIMARY METAL PRODUCTS N.E.C. | 150 | 178 | 184 | 191 | 228 | 270 | 314 | 344 | 408 | 2.71 |
| 33991 | METAL POWDERS & PASTE | 55 | 74 | 71 | 70 | 89 | 107 | 135 | 138 | 178 | 3.23 |
| 33992 | NONFERROUS NAILS, BRADS, TACKS & STAPLES | 2 | NA | NA | NA | NA | 11 | 28 | 18 | 19 | 9.26 |
| 33996 | HEAT TREATING OF STEEL FOR THE TRADE | 85 | NA | NA | NA | NA | 140 | 145 | 168 | 188 | 2.20 |
| 33990 | PRIMARY METAL PRODUCTS, N.S.K. | 8 | NA | NA | NA | NA | 12 | *6 | *21 | *23 | NC |
| FABRICATED METAL PRODUCTS | | | | | | | | | | | |
| 3411- | METAL CANS | NA | 1,887 | 1,869 | 2,013 | 2,056 | 2,002 | 2,162 | 2,287 | 2,522 | NA |
| 34110 | METAL CANS | NA | 1,887 | 1,869 | 2,013 | 2,056 | 2,002 | 2,162 | 2,287 | 2,522 | NA |
| 3421- | CUTLERY | 162 | 186 | 191 | 210 | 231 | 254 | 254 | 280 | 297 | 1.83 |
| 34211 | CUTLERY, SCISSORS, SHEARS, TRIMMERS, & SNIPS | 77 | 82 | 73 | 75 | 83 | 90 | 102 | 131 | 134 | 1.73 |
| 34212 | RAZOR BLADES & RAZORS, EXC. ELECTRIC | 81 | 101 | 115 | 132 | 145 | 159 | 147 | 149 | 163 | 2.02 |
| 34210 | CUTLERY N.S.K. | 4 | *4 | *3 | *3 | *3 | 4 | 4 | 0 | 0 | NC |
| 3423- | HAND & EDGE TOOLS | 434 | 501 | 484 | 514 | 545 | 536 | 585 | 672 | 764 | 1.76 |

TABLE II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, METALS AND FABRICATED METAL PRODUCTS, 1958-1966--Con.
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 34231 | MECHANICS' HAND SERVICE TOOLS | 188 | 213 | 210 | 221 | 238 | 252 | 287 | 352 | 409 | 2.17 |
| 34232 | EDGE TOOLS | 91 | 111 | 112 | 118 | 122 | 106 | 118 | *129 | *146 | *1.61 |
| 34233 | FILES, RASPS, & FILE ACCESSORIES & OTHER HAND TOOLS | 142 | 163 | 154 | 166 | 176 | 156 | 165 | 176 | 189 | 1.33 |
| 34230 | EDGE & HAND TOOLS, N.S.K. | 13 | *14 | *8 | *9 | *9 | 21 | *16 | *15 | *21 | NC |
| 3425- | HAND SAWS, SAW BLADES, & SAW ACCESSORIES | 76 | 90 | 84 | 87 | 87 | 85 | 94 | 110 | 133 | 1.76 |
| 34250 | HAND SAWS, SAW BLADES & SAW ACCESSORIES | 76 | 90 | 84 | 87 | 87 | 85 | 94 | 110 | 133 | 1.76 |
| 3429- | HARDWARE, N.E.C. | 1,224 | 1,370 | 1,392 | 1,329 | 1,512 | 1,663 | 1,800 | 2,090 | 2,180 | 1.78 |
| 34291 | TRANSPORTATION EQUIPMENT HARDWARE | 472 | 533 | 583 | 502 | 622 | 779 | 833 | 1,023 | 1,009 | 2.14 |
| 34292 | FURNITURE HARDWARE | 77 | 94 | 86 | 87 | 93 | 95 | 106 | 110 | 111 | 1.44 |
| 34293 | VACUUM & INSULATED BOTTLES, JUGS & CHESTS | 41 | 49 | 53 | 46 | 48 | 48 | 47 | 46 | 49 | 1.18 |
| 34294 | BUILDERS' HARDWARE | 387 | 418 | 404 | 430 | 464 | 466 | 508 | 539 | 585 | 1.51 |
| 34295 | OTHER HARDWARE | 215 | 245 | 238 | 239 | 257 | 237 | 271 | 332 | 389 | 1.81 |
| 34290 | HARDWARE, N.S.K. | 31 | *30 | *28 | *25 | *28 | 38 | 35 | *39 | *36 | NC |
| 3431- | METAL PLUMBING FIXTURES | 180 | 204 | 184 | 181 | 193 | 204 | 218 | 209 | 209 | 1.16 |
| 34310 | METAL PLUMBING FIXTURES | 180 | 204 | 184 | 181 | 193 | 204 | 218 | 209 | 209 | 1.16 |
| 3432- | PLUMBING FIXTURE FITTINGS & TRIM (BRASS GOODS) | 259 | 316 | 285 | 275 | 291 | 330 | 387 | 401 | 412 | 1.59 |
| 34320 | PLUMBING FIXTURE FITTINGS & TRIM (BRASS GOODS) | 259 | 316 | 285 | 275 | 291 | 330 | 387 | 401 | 412 | 1.59 |
| 3433- | HEATING EQUIPMENT, EXC. ELECTRIC | 837 | 877 | 819 | 812 | 838 | 893 | 909 | 940 | 953 | 1.14 |
| 34331 | OIL BURNERS, RESIDENTIAL & INDUSTRIAL (SOLD SEPARATELY), EXC. PARTS | 47 | 55 | 51 | NA | NA | 42 | 48 | 53 | 49 | 1.04 |
| 34332 | WARM AIR FURNACES (EXC. FLOOR & WALL), EXC. PARTS | 233 | 243 | 207 | 190 | 189 | 204 | 218 | 230 | 235 | 1.01 |
| 34333 | CAST IRON HEATING BOILERS, RADIATORS, & CONVEYORS, EXC. PARTS | 121 | 127 | 115 | 111 | 117 | 139 | 146 | 146 | 139 | 1.14 |
| 34334 | DOMESTIC HEATING STOVES (EXC. ELECTRIC), EXC. PARTS | 70 | 79 | 67 | 64 | 65 | 79 | 60 | 57 | 69 | .99 |
| 34335 | STEEL HEATING BOILERS (15 P.S.I. & UNDER), EXC. PARTS | 63 | 67 | 61 | 73 | 75 | 70 | 74 | 73 | 69 | 1.09 |
| 34336 | OTHER HEATING EQUIPMENTS, EXC. ELEC., INC. PARTS FOR NONELECTRIC HEATING EQUIP. | 268 | 264 | 268 | 262 | 279 | 317 | 324 | 349 | 355 | 1.33 |
| 34330 | CAST IRON HEATING BOILERS, RADIATORS, & CONVEYORS | 36 | *40 | *50 | NA | NA | 41 | 39 | *33 | *37 | NC |
| 3441- | FABRICATED STRUCTURAL METAL | 1,602 | 1,386 | 1,498 | 1,488 | 1,514 | 1,604 | 1,786 | 1,949 | 2,246 | 1.40 |
| 34411 | FABRICATED STRUCTURAL IRON & STEEL FOR BUILDINGS | 930 | 840 | 904 | 912 | 924 | 984 | 1,133 | 1,256 | 1,403 | 1.51 |
| 34412 | FABRICATED STRUCTURAL IRON & STEEL FOR BRIDGES | 280 | 222 | 219 | 223 | 214 | 225 | 240 | 210 | 296 | 1.06 |
| 34413 | OTHER FABRICATED STRUCTURAL IRON & STEEL | 262 | 221 | 287 | 267 | 284 | 287 | 305 | 369 | 467 | 1.78 |
| 34410 | FABRICATED STRUCTURAL METAL, N.S.K. | 130 | NA | NA | NA | NA | 108 | 108 | *113 | *81 | NC |
| 3442- | METAL DOORS, SASH & TRIM | 952 | 1,007 | 976 | 972 | 1,031 | 1,107 | 1,140 | 1,184 | 1,260 | 1.32 |
| 34421 | METAL DOORS & FRAMES (EXC. STORM DOORS) | 192 | 222 | 218 | 246 | 272 | 290 | 326 | 332 | 365 | 1.90 |
| 34422 | METAL WINDOW SASH & FRAMES (EXC. STORM SASH) | 285 | 293 | 275 | 262 | 266 | 309 | 287 | 314 | 338 | 1.19 |
| 34423 | METAL MOLDING & TRIM & STORE FRONTS | 97 | 110 | 123 | 117 | 137 | 117 | 137 | 150 | 168 | 1.72 |
| 34424 | METAL COMBINATION SCREEN & STORM SASH & DOORS | 232 | 248 | 233 | 219 | 231 | 221 | 244 | 235 | 234 | 1.01 |
| 34425 | METAL WINDOW & DOOR SCREENS (EXC. COMB.), & METAL WINDOW STRIP | 65 | 78 | 68 | 62 | 69 | 57 | 65 | 57 | 58 | .90 |
| 34420 | METAL DOORS, SASH, & TRIM, N.S.K. | 81 | NA | NA | NA | NA | 113 | 82 | 96 | 96 | NC |
| 3443- | BOILER SHOPS PRODUCTS | 1,614 | 1,459 | 1,411 | 1,391 | 1,421 | 1,581 | 1,773 | 2,086 | 2,434 | 1.51 |
| 34431 | HEAT EXCHANGERS & STEAM CONDENSERS | 187 | 151 | 146 | 155 | 127 | 161 | 186 | 240 | 298 | 1.59 |
| 34432 | FABRICATED STEEL PLATE, INC. STACK & WELDMENTS | NA | NA | NA | NA | NA | 374 | 428 | 472 | 551 | NA |

TABLE II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, METALS AND FABRICATED METAL PRODUCTS, 1958-1966--Con.
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 34433 | STEEL POWER BOILERS, PARTS, & ATTACHMENTS (OVER 15 P.S.I. STEAM WORKING PRESSURE) | 410 | 337 | 297 | 305 | 342 | 341 | 382 | 444 | 518 | 1.26 |
| 34434 | GAS CYLINDERS | NA | NA | NA | NA | NA | 46 | 54 | 73 | 73 | NA |
| 34430 | BOILER SHOPS PRODUCTS, N.S.K. | 70 | NA | NA | NA | NA | 89 | 96 | 85 | 90 | NC |
| 3443A | METAL TANKS, COMPLETE AT FACTORY (STANDARD LINE, PRESSURE & NONPRESSURE) (INC. 34435 & 34437) | 269 | 301 | 283 | 291 | 305 | 250 | 288 | 318 | 350 | 1.30 |
| 3443B | METAL TANKS & VESSELS, CUSTOM FABRICATED (INC. CODES 34438 & 34439) | 294 | 246 | 265 | 232 | 240 | 320 | 339 | 454 | 554 | 1.89 |
| 3444- | SHEET METAL WORK | 1,008 | 1,096 | 1,135 | 1,132 | 1,183 | 1,325 | 1,402 | 1,527 | 1,788 | 1.77 |
| 34441 | SHEET METAL ROOFING, SIDING & DRAINAGE EQUIPMENT | 186 | 215 | 231 | 232 | 243 | 306 | 323 | 354 | 422 | 2.27 |
| 34442 | CULVERTS, FLUMES, IRRIGATION PIPES | 127 | 136 | 135 | 127 | 132 | 138 | 147 | 181 | 198 | 1.56 |
| 34443 | OTHER SHEET METAL WORK | 486 | 538 | 548 | 560 | 580 | 732 | 768 | 831 | 1,006 | 2.07 |
| 34440 | SHEET METAL WORK, N.S.K. | 210 | NA | NA | NA | NA | 149 | 165 | 162 | *162 | NC |
| 3446- | ARCHITECTURAL & ORNAMENTAL METAL WORK | 333 | 346 | 340 | 355 | 357 | 306 | 303 | 356 | 375 | 1.13 |
| 34460 | ARCHITECTURAL & ORNAMENTAL METAL WORK | 333 | 346 | 340 | 355 | 357 | 306 | 303 | 356 | 375 | 1.13 |
| 3449- | MISCELLANEOUS METAL WORK, N.E.C. | 603 | 622 | 645 | 710 | 703 | 793 | 837 | 958 | 1,095 | 1.82 |
| 34492 | PREFABRICATED & PORTABLE METAL BUILDINGS & PARTS | 195 | 196 | 181 | 195 | 193 | 225 | 261 | 299 | 380 | 1.95 |
| 34493 | MISCELLANEOUS METAL BUILDING MATERIALS | 408 | 427 | 464 | 515 | 510 | 507 | 523 | 607 | 656 | 1.61 |
| 34490 | MISC. METAL WORK, N.S.K. | NA | NA | NA | NA | NA | 62 | 53 | 52 | *58 | NC |
| 3451- | SCREW MACHINE PRODUCTS | 429 | 518 | 492 | 470 | 537 | 599 | 650 | 743 | 1,002 | 2.34 |
| 34510 | SCREW MACHINE PRODUCTS | 429 | 518 | 492 | 470 | 537 | 599 | 650 | 743 | 1,002 | 2.34 |
| 3452- | BOLTS, NUTS, WASHERS & RIVETS | 859 | 1,081 | 1,006 | 950 | 1,097 | 1,176 | 1,289 | 1,433 | 1,623 | 1.89 |
| 34521 | BOLTS, NUTS, & OTHER STANDARD INDUSTRIAL FASTENERS | 670 | 819 | 746 | 696 | 787 | 843 | 912 | 993 | 1,110 | 1.66 |
| 34520 | BOLTS, NUTS, WASHERS, & RIVETS, N.S.K. | 10 | *23 | *23 | *23 | *35 | 14 | *19 | *17 | *27 | NC |
| 3452A | SPECIAL INDUSTRIAL FASTENERS & HEADED PRODUCTS (PRODUCED BY COLD & HOT HEADING OTHER THAN INDUSTRIAL FASTENERS) (INC. 34522&34523) | 179 | 239 | 237 | 231 | 274 | 318 | 357 | 423 | 486 | 2.71 |
| 3461- | METAL STAMPINGS | 1,948 | 2,327 | 2,295 | 2,160 | 2,384 | 2,484 | 2,727 | 3,183 | 3,593 | 1.84 |
| 34611 | VITREOUS ENAMELED PRODUCTS | 72 | 76 | 72 | 74 | 72 | 70 | 81 | 74 | 79 | 1.09 |
| 34612 | JOB STAMPINGS, EXCEPT AUTOMOTIVE | 576 | 684 | 640 | 625 | 703 | 757 | 844 | 955 | 1,144 | 1.98 |
| 34613 | JOB STAMPINGS, AUTOMOTIVE | 551 | 708 | 744 | 620 | 738 | 848 | 958 | 1,197 | 1,369 | 2.48 |
| 34614 | STAMPED & SPUN HOSPITAL UTENSILS, COOKING & KITCHEN HOUSEHOLD UTENSILS, AL. | 111 | 117 | 112 | 104 | 107 | 96 | 116 | 162 | 145 | 1.31 |
| 34615 | STAMPED & SPUN HOSPITAL UTENSILS, COOKING & KITCHEN HOUSEHOLD UTENSILS EXC. AL. | 113 | 143 | 120 | 123 | 125 | 134 | 123 | 124 | 127 | 1.12 |
| 34616 | METAL COMMERCIAL CLOSURES EXC. CROWNS | 131 | 138 | 143 | 145 | 154 | 148 | 161 | 177 | 179 | 1.36 |
| 34617 | CROWNS | 81 | 88 | 79 | 85 | 84 | 82 | 86 | 89 | 84 | 1.05 |
| 34618 | OTHER STAMPED & PRESSED METAL END PRODUCTS | 223 | 234 | 242 | 245 | 265 | 251 | 269 | 299 | 359 | 1.61 |
| 34610 | METAL STAMPINGS, N.S.K. | 89 | *140 | *143 | *139 | *135 | 98 | 89 | *106 | *106 | NC |
| 3471- | ELECTROPLATING, PLATING & POLISHING | 350 | 394 | 394 | 411 | 447 | 502 | 573 | 597 | 688 | 1.97 |
| 34710 | ELECTROPLATING, PLATING & POLISHING | 350 | 394 | 394 | 411 | 447 | 502 | 573 | 597 | 688 | 1.97 |
| 3479- | METAL COATING, ENGRAVING & ALLIED SERVICES, N.E.C. | 184 | 229 | 249 | 228 | 270 | 286 | 365 | 391 | 447 | 2.43 |
| 34790 | METAL COATING, ENGRAVING & ALLIED SERVICES, N.E.C. | 184 | 229 | 249 | 228 | 270 | 286 | 365 | 391 | 447 | 2.43 |
| 3481- | FABRICATED WIRE PRODUCTS, N.E.C. | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |

TABLE II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, METALS AND FABRICATED METAL PRODUCTS, 1958-1966-Con.
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 34811 | NONINSULATED FERROUS WIRE ROPE, CABLE, & STRAND (SEE 33154) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 34812 | PRECISION MECHANICAL SPRINGS | 109 | 150 | 140 | 144 | 167 | 150 | 166 | 197 | 223 | 2.04 |
| 34813 | OTHER WIRE SPRINGS | 188 | 216 | 228 | 204 | 224 | 239 | 238 | 272 | 292 | 1.55 |
| 34816 | FENCING & FENCE GATES (SEE 3315X) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 34810 | FABRICATED WIRE PRODUCTS, N.E.C., N.S.K. | 38 | NA | NA | NA | NA | 60 | 69 | *58 | *51 | NC |
| 3481X | FERROUS WIRE CLOTH & OTHER WOVEN WIRE PRODUCTS (INC. 33157 & 34814) | 97 | NA | NA | NA | NA | 72 | 85 | 90 | 111 | 1.15 |
| 3481Y | OTHER FABRICATED FERROUS WIRE PRODUCTS (INC. 33159 & 34819) | 406 | 446 | 431 | 433 | 467 | 502 | 525 | 608 | 652 | 1.61 |
| 3481Z | NONFERROUS WIRE CLOTH & OTHER WOVEN WIRE PRODUCTS (INC. 33575 & 34815) | NA | NA | NA | NA | NA | 70 | 74 | 86 | 95 | NA |
| 3491- | METAL BARRELS, DRUMS & PAILS | 259 | 290 | 265 | 272 | 292 | 318 | 338 | 365 | 380 | 1.47 |
| 34911 | STEEL SHIPPING PAILS (1-12 GAL. CAPACITY) | 80 | 95 | 87 | 86 | 87 | 87 | 90 | 106 | 109 | 1.36 |
| 34912 | STEEL BARRELS & DRUMS (OVER 12 GAL. CAPACITY), EXC. BEER BARRELS | 162 | 177 | 162 | 169 | 186 | 192 | 204 | 199 | 214 | 1.32 |
| 34913 | ALL OTHER BARRELS, INC. BEER BARRELS & FLUID MILK SHIPPING CONTAINERS | 15 | 16 | 16 | 17 | 18 | 36 | 41 | 58 | *54 | *3.70 |
| 34910 | METAL BARRELS, DRUMS & PAILS, N.S.K. | 2 | NA | NA | NA | NA | 3 | 3 | 3 | 3 | NC |
| 3492- | SAFES & VAULTS | 45 | 48 | 51 | 52 | 49 | 59 | 61 | 63 | 65 | 1.44 |
| 34920 | SAFES & VAULTS | 45 | 48 | 51 | 52 | 49 | 59 | 61 | 63 | 65 | 1.44 |
| 3493- | STEEL SPRINGS | 133 | 150 | 152 | 133 | 169 | 205 | 208 | 220 | 231 | 1.74 |
| 34930 | STEEL SPRINGS | 133 | 150 | 152 | 133 | 169 | 205 | 208 | 220 | 231 | 1.74 |
| 3494- | VALVES & PIPE FITTINGS | 1,193 | 1,310 | 1,302 | 1,322 | 1,464 | 1,525 | 1,613 | 1,848 | 2,140 | 1.79 |
| 34941 | METAL VALVES FOR PIPING SYSTEMS | 560 | 596 | 596 | 606 | 655 | 686 | 728 | 834 | 930 | 1.66 |
| 34942 | METAL FITTINGS & UNIONS FOR PIPING SYSTEMS | 374 | 397 | 387 | 378 | 412 | 422 | 441 | 513 | 546 | 1.46 |
| 34943 | PLUMBING & HEATING VALVES & SPECIALTIES EXC. PLUMBERS' GOODS | 87 | 98 | 96 | 108 | 117 | 88 | 88 | 96 | 103 | 1.18 |
| 34944 | OTHER VALVES & FITTINGS, EXC. PLUMBERS' BRASS GOODS & FITTINGS | 152 | 193 | 193 | 196 | 234 | 303 | 331 | 362 | 494 | 3.26 |
| 34940 | VALVES & PIPE FITTINGS, N.S.K. | 20 | NA | NA | NA | NA | 26 | 25 | *43 | *68 | NC |
| 3496- | COLLAPSIBLE TUBES | 37 | 41 | 41 | 42 | 41 | 44 | 46 | 51 | 54 | 1.44 |
| 34960 | COLLAPSIBLE TUBES | 37 | 41 | 41 | 42 | 41 | 44 | 46 | 51 | 54 | 1.44 |
| 3497- | METAL FOIL & LEAF | 145 | *157 | *156 | *157 | *181 | 330 | 352 | 354 | 368 | 2.53 |
| 34970 | METAL FOIL & LEAF | 145 | *157 | *156 | *157 | *181 | 330 | 352 | 354 | 368 | 2.53 |
| 3498- | FABRICATED PIPE & FITTINGS | 265 | 247 | 224 | 224 | 249 | 287 | 313 | 348 | 455 | 1.71 |
| 34980 | FABRICATED PIPE & FITTINGS | 265 | 247 | 224 | 224 | 249 | 287 | 313 | 348 | 455 | 1.71 |
| 3499- | FABRICATED METAL PRODUCTS, N.E.C. | 444 | 502 | 543 | 555 | 655 | 753 | 856 | 960 | 1,126 | 2.54 |
| 34990 | FABRICATED METAL PRODUCTS, N.E.C. | 444 | 502 | 543 | 555 | 655 | 753 | 856 | 960 | 1,126 | 2.54 |

Table II-7.--IMPORTS--METALS AND FABRICATED METAL PRODUCTS, 1958-66

| Product code | Title | Imports, for consumption (million dollars) | | | | | | | | | |
|--|---|---|---|--|--|---|--|---|--|--|--------------------------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 | |
| | PRIMARY METAL PRODUCTS | | | | | | | | | | |
| 333 | Primary metal products, total ¹ | 3,009.0 | 2,562.6 | 1,868.0 | 1,624.2 | 1,434.1 | 1,294.2 | 1,370.2 | 1,481.6 | n.a. | |
| 33121-8,0; 33155;3313, 6,7;2814 33121;3313, 2814 33122 33123 33124 33125,33155 33126,33176 33127,33167 33128,33168 33120 | Blast furnace, steel mill, electrometallurgical products ⁴ Coke oven, blast furnace, and electrometallurgical products ⁴ Steel ingots and semifinished shapes..... Hot-rolled sheet and strip ² Hot-rolled plate, structural shapes and bars. Steel wire..... Steel pipe and tube..... Cold-rolled steel sheet and strip ² Cold-finished bars and shapes..... Other steel mill products, except wire products..... | 1,287.6 133.5 143.2 272.4 326.2 90.9 153.1 157.7 8.7 2.0 | 1,218.1 103.6 158.8 247.1 314.7 86.1 133.0 166.5 6.3 2.0 | 771.8 78.5 125.0 99.1 209.9 72.2 114.9 67.2 3.9 1.1 | 643.3 72.7 102.3 261.1 51.1 109.4 41.9 3.8 1.0 | 496.5 70.9 75.7 191.2 45.8 393.5 16.7 1.7 1.0 | 414.4 88.6 60.6 146.5 32.3 379.8 4.3 1.1 1.2 | 465.1 71.1 55.7 204.4 35.3 377.5 17.8 2.5 8 | 547.4 100.8 54.2 257.1 36.4 87.8 8.8 1.5 8 | n.a. n.a. 20.3 n.a. 17.7 30.7 n.a. n.a. n.a. n.a. | |
| 33152 | Steel nails and spikes..... | 42.7 | 51.0 | 44.5 | 42.0 | 40.0 | 36.9 | 39.0 | 48.7 | 30.3 | |
| 3321 33212 33213 33214 | Gray iron castings ⁴ Cast iron pressure pipe and fittings..... Cast iron soil pipe and fittings..... Gray iron castings, n.e.c..... | 5.4 .2 1.9 3.3 | 5.3 .2 2.4 2.6 | 6.2 .3 3.2 2.7 | 7.0 .6 3.7 2.7 | 6.2 .8 3.3 2.2 | 6.2 .2 2.2 1.9 | 4.4 .5 2.2 2.8 | 4.9 .3 1.6 2.8 | 5.0 .7 1.1 3.1 | n.a. .3 .8 n.a. |
| 3322 | Malleable iron castings..... | .3 | .5 | .3 | .3 | .3 | .2 | .3 | .2 | n.a. | |
| 3323;3391; 33129 | Steel castings and forgings..... | 6.0 | 3.6 | 4.3 | 6.0 | 5.1 | 2.8 | 2.0 | 1.0 | n.a. | |
| 3331;33412 33311 33312,33412 33512 | Copper smelting and refining products..... Smelter products..... Refined copper (primary and secondary)..... Copper mill shapes..... | 431.3 346.4 144.9 131.4 | 386.5 286.3 89.2 67.9 | 311.5 244.3 67.2 53.5 | n.a. 165.1 6126.0 53.5 | n.a. 157.5 6121.9 | n.a. 169.4 696.3 | n.a. 187.7 6180.5 | n.a. 75.4 227.3 | n.a. 94.9 125.1 | |
| 3332;33413 33321 33322,33413 | Lead smelting and refining products..... Smelter products..... Refined lead (primary and secondary)..... | 77.6 76.7 76.7 | 61.6 .3 61.3 | 50.5 2.1 48.5 | 45.6 1.8 43.8 | 47.1 .7 46.4 | 62.8 1.4 61.4 | 62.3 62.0 | 72.7 2 72.7 | n.a. .1 n.a. | |
| 3333;33414 33331 33334,33414 3334;33417,8 33527,8 | Zinc smelting and refining products..... Smelter products..... Refined zinc (primary and secondary)..... Aluminum and aluminum-base alloys..... | 79.2 3.2 76.0 217.5 | 46.3 3.1 43.2 218.2 | 36.2 2.7 33.5 162.8 | 29.0 7.2 28.8 163.1 | 29.0 7.3 28.7 128.6 | 27.7 7.1 27.6 91.2 | 29.8 7.2 29.6 75.8 | 34.1 .1 34.0 111.3 | 35.7 1 35.6 117.3 | |

Table II-7.--IMPORTS--METALS AND FABRICATED METAL PRODUCTS, 1958-66--Con.

| Product code | Title | Imports, for consumption (million dollars) | | | | | | | | |
|-----------------------------------|--|--|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | PRIMARY METAL PRODUCTS--Continued | | | | | | | | | |
| 3339;33415,6 | Nonferrous smelting and refining products, n.e.c..... | 500.3 | 500.2 | 349.6 | 340.9 | 337.6 | 324.4 | 264.8 | 293.2 | n.a. |
| 33395, 33415 | Precious metals ⁸ | 68.4 | 50.2 | 42.3 | 36.9 | 25.6 | 26.2 | 25.7 | 23.4 | n.a. |
| 33397, 33416 | Other refined nonferrous metals ⁹ | 431.8 | 450.0 | 307.3 | 304.0 | 312.0 | 298.2 | 239.1 | 269.7 | n.a. |
| 33522-6 | Aluminum-rolled, drawn, extruded, except wire. | 79.0 | 42.3 | 35.5 | 1030.6 | 1043.5 | 1039.3 | 1032.0 | 40.8 | 23.9 |
| 33522 | Plate and sheet..... | 63.8 | 33.8 | 26.7 | 22.6 | 32.0 | 28.0 | 22.2 | 1934.9 | 1920.2 |
| 33523 | Plain foil..... | 3.3 | 4.2 | 5.3 | 5.5 | 6.4 | 6.3 | 6.1 | 5.9 | 3.7 |
| 33524,5 | Bars, rods, and structural shapes..... | 11.2 | 4.0 | 2.8 | 2.5 | 5.1 | 5.0 | 3.7 | (19) | (19) |
| 33526 | Tube..... | .7 | .4 | .7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3356;33573 | Mill products of nonferrous metals, n.e.c.--rolled, drawn, or extruded..... | 20.0 | 22.3 | 11.5 | 15.2 | 9.9 | 13.4 | 10.6 | 15.8 | n.a. |
| 3357 pt.;33511 } 33521,36996 } | Nonferrous wire and cable..... | 58.8 | 30.6 | 22.1 | 128.4 | 129.4 | 129.7 | 1214.1 | 7.5 | 3.5 |
| 33571,33521 | Aluminum and alloy, except insulated..... | 2.2 | 1.6 | 1.0 | } | 1.8 | 1.9 | 2.8 | 3.6 | n.a. |
| 33572,33511 | Copper and alloy, except insulated..... | 8.9 | 6.3 | 5.0 | | 1.8 | 1.9 | 2.8 | 3.6 | n.a. |
| 33574,6-9,7 } 36996 } | Insulated wire and cable, appliance wire, flexible cord sets..... | 47.6 | 22.8 | 16.1 | 126.1 | 127.6 | 127.8 | 1211.3 | 3.9 | n.a. |
| 33991 | Metal powders and paste..... | 11.9 | 8.2 | 7.9 | 131.7 | 131.5 | 131.3 | 131.3 | 1.2 | .8 |
| | FABRICATED METAL PRODUCTS | | | | | | | | | |
| 34 | Fabricated metal products, total ¹⁴ | 387.6 | 319.6 | 258.4 | 190.8 | 192.7 | 166.2 | 178.4 | 174.3 | n.a. |
| 3421 | Cutlery..... | 26.8 | 26.8 | 24.9 | 17.1 | 11.6 | 9.6 | 10.2 | 9.3 | 8.2 |
| 34211 | Cutlery, scissors, shears, etc..... | 20.9 | 19.9 | 18.3 | 13.6 | 11.1 | 9.4 | 10.0 | 9.2 | 8.0 |
| 34212 | Razor blades and razors, except electric.... | 6.0 | 6.9 | 6.6 | 3.5 | .5 | .2 | .2 | .2 | .2 |
| 3423 | Hand and edge tools, except saws..... | 31.5 | 25.4 | 20.8 | 17.6 | 15.7 | 14.1 | 15.0 | 13.5 | } 10.7 |
| 34232 | Edge tools..... | 4.9 | 4.0 | 3.5 | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 34231,3 | Handtools, n.e.c..... | 26.6 | 1621.4 | 1617.3 | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 3425 | Handsaws, saw blades, and accessories..... | 5.2 | 4.5 | 4.0 | 2.7 | 2.9 | 3.0 | 2.8 | 2.6 | 1.7 |
| 3429 | Hardware, n.e.c. ¹⁷ | 21.0 | 14.9 | 12.0 | 8.0 | 6.8 | 5.0 | 5.1 | 4.0 | 2.7 |
| 34293 | Vacuum and insulated bottles, jugs and chest | .1 | .1 | .1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 34291,2,4,5 | Furniture and other hardware ¹⁷ | 20.9 | 14.8 | 11.9 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3432 | Plumbing fixture fittings and trim (brass goods)..... | 1.2 | 1.3 | 1.6 | 2.6 | 2.7 | 1.8 | 2.7 | n.a. | n.a. |
| 3433;36312 | Heating equipment, except electric..... | 3.5 | 3.5 | 2.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3441,2,9 | Metal windows, doors, frames, and fabricated structural metal products, n.e.c..... | 21.1 | 15.4 | 10.9 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-7.--IMPORTS--METALS AND FABRICATED METAL PRODUCTS, 1958-66--Con.

| Product code | Title | Imports, for consumption (million dollars) | | | | | | | | |
|--------------------------------|--|--|-------|-------|------|------|------|------|------|------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | FABRICATED METAL PRODUCTS--Continued | | | | | | | | | |
| 3443 | Fabricated platework..... | 182.3 | 181.0 | 181.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 34431,3 | Heat exchangers and steam condensers and steel power boilers, parts attachments..... | 1.4 | .7 | .7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 34434, 5,7-9 | Gas cylinders and metal tanks..... | 1.0 | .4 | .5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 34521 | Standard industrial fasteners (bolts, nuts, screws, etc.)..... | 60.2 | 51.5 | 35.0 | 24.8 | 23.7 | 15.6 | 17.8 | 18.1 | n.a. |
| 3461 | Metal stampings: | | | | | | | | | |
| 34611;3431 | Metal plumbing fixtures and vitreous enameled products..... | 2.9 | 2.0 | 2.6 | 2.0 | 1.9 | 1.3 | 2.1 | 2.1 | 1.1 |
| 34617 | Crowns..... | -- | 2 | 2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 34616 | Metal commercial closures, except crowns.... | 1.2 | 1.0 | .9 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3481,3315 ft., } 3357 pt. } | Fabricated wire products ²⁰ | 58.6 | 48.4 | 41.1 | 45.0 | 40.5 | 37.4 | 38.8 | 48.5 | 30.5 |
| 34811,33151 | Noninsulated ferrous wire rope, cable, strand | 21.1 | 17.0 | 14.4 | 13.3 | 12.0 | 10.2 | 12.0 | 14.3 | 7.2 |
| 34814-6;33156, } 7;33575 } | Iron and steel and nonferrous woven wire products, fencing and fence gates..... | 16.9 | 13.4 | 11.6 | 11.9 | 10.6 | 8.0 | 8.2 | 10.7 | 6.5 |
| 34819,33159 | Other fabricated wire products..... | 20.6 | 18.0 | 15.2 | 19.8 | 17.9 | 19.2 | 18.6 | 23.5 | 16.8 |
| 3491,3411 | Metal shipping barrels, drums, kegs, and pails. | 5.2 | 5.3 | 4.5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3492 | Safes and vaults..... | .1 | 5 | 2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3493,34812,3 | Springs..... | 16.5 | 14.3 | 9.0 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3494 | Valves and pipe fittings..... | 29.3 | 21.0 | 14.8 | 8.6 | 7.0 | n.a. | n.a. | n.a. | n.a. |
| 34941,3,4 | Metal valves, except plumbers' brass goods... | 17.1 | 12.1 | 7.4 | 2.8 | 2.6 | 1.6 | 1.9 | 1.8 | 1.1 |
| 34942 | Metal fittings and unions for piping systems. | 12.3 | 8.9 | 7.4 | 5.8 | 4.4 | n.a. | n.a. | n.a. | n.a. |
| 3496 | Collapsible tubes..... | 2 | 2 | .1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3497 | Metal foil and leaf..... | 23.2 | 14.9 | 11.0 | (21) | (21) | (21) | (21) | (21) | (21) |
| 3400 | Miscellaneous fabricated metal products..... | 77.7 | 68.3 | 61.7 | 62.4 | 79.9 | 76.8 | 82.0 | 74.4 | n.a. |

¹Imports do not include such coal tar derivatives as benzene and toluene produced primarily from petroleum (see code 29115); however, they do include some cyclic crudes of code 2814.²Imports of cold-rolled alloy strip (part of code 33177) included with hot-rolled (code 33123).³Does not include oil country pipe which was in code 3441.⁴Does not include code 33211.⁵Not calculated because of extensive duplication in output.⁶Includes copper foil; 1964 value of \$9.3 million included in code 3497.⁷Excludes zinc fume.⁸Imports include platinum-group metals only.⁹Imports are mainly nickel and tin.¹⁰Does not include tube, code 33526.¹¹Output of code 33573 not available for years prior to 1963; percentages based on output of code 3356 only.¹²Does not include flexible cord sets (part of code 33576).¹³Excludes many metals.¹⁴Imports include data of codes 33151, 6, 7, 9 and 33575.¹⁵Percent not calculated because output estimate did not meet publication standards.¹⁶Does not include sets of handtools which are in code 39142 (1966 value of \$2.2 million).¹⁷Imports not comparable to output; do not include many transportation, furniture, and miscellaneous hardware items.¹⁸Does not include code 34432.¹⁹Bars, rods, and structural shapes (33524,5) included with plate and sheet (33522).²⁰Imports of wire springs (codes 34812,3) included with code 3493.²¹Classified with semimanufactured forms of each individual metal in Major Group 33 in 1963 and earlier years; 1964 value is over 90% copper.

Table II-8.--EXPORTS--METALS AND FABRICATED METAL PRODUCTS, 1958-66

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--|---|---|---------|---------|-------|-------|-------|---------|-------|-------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| 33 | PRIMARY METAL PRODUCTS | | | | | | | | | |
| | Primary metal products, total ¹ | 1,213.6 | 1,221.8 | 1,209.7 | 951.2 | 904.9 | 957.9 | 1,198.3 | 648.7 | n.a. |
| | Blast furnace, steel mill and electrometal- lurgical products ¹ | 477.1 | 555.8 | 644.5 | 480.3 | 453.7 | 479.9 | 625.7 | 369.7 | n.a. |
| | Coke oven blast furnace, electrometallur- gical products ¹ | 68.3 | 58.7 | 72.7 | 46.9 | 57.2 | 81.1 | 48.7 | 29.2 | n.a. |
| | Steel ingots semifinished shapes..... | 63.5 | 87.5 | 270.0 | 178.8 | 168.1 | 156.9 | 223.9 | 131.9 | n.a. |
| | Hot-rolled sheet and strip ² | 100.4 | 129.5 | 104.1 | 72.8 | 68.9 | 67.6 | 77.2 | 57.6 | 102.9 |
| | Hot-rolled plate, structural shapes, and bars | 64.1 | 95.7 | 104.1 | 72.8 | 68.9 | 67.6 | 77.2 | 57.6 | 102.9 |
| | Steel wire..... | 12.1 | 15.8 | 19.9 | 14.7 | 9.9 | 7.5 | 7.6 | 7.5 | 9.3 |
| | Steel pipe and tube..... | 109.4 | 93.5 | 85.5 | 81.9 | 67.4 | 73.2 | 67.9 | 79.9 | 156.6 |
| | Cold-rolled steel sheets and strip ³ | 46.5 | 59.9 | 77.8 | 68.3 | 61.6 | 74.1 | 178.0 | 51.0 | 68.9 |
| | Cold-finished bars and shapes..... | 6.9 | 8.6 | 7.2 | 5.3 | 5.3 | 5.1 | 4.6 | 2.6 | 3.2 |
| | Other steel mill products, except wire products..... | 5.8 | 6.6 | 7.3 | 11.5 | 15.4 | 14.4 | 17.8 | 10.0 | 13.0 |
| 33152 | Steel nails and spikes..... | 6.0 | 5.9 | 5.2 | 5.1 | 3.6 | 3.7 | 4.0 | 3.6 | 4.1 |
| 3321 | Gray iron castings..... | 34.5 | 27.6 | 18.7 | 24.7 | 11.9 | 11.2 | 11.1 | 11.8 | 12.5 |
| 33211 | Molds for heavy steel ingots..... | 3.6 | 3.2 | 3.1 | 3.0 | 1.8 | 2.7 | 2.3 | 1.3 | 2.4 |
| 33212 | Cast iron pressure pipe and fittings..... | 10.3 | 8.0 | 5.8 | 15.5 | 4.2 | 2.9 | 3.3 | 2.8 | 3.6 |
| 33213 | Cast iron soil pipe and fittings..... | 4.6 | 2.5 | 1.6 | 1.8 | 1.7 | 1.4 | 1.6 | 2.3 | 2.2 |
| 33214 | Gray iron castings, n.e.c..... | 16.0 | 13.8 | 48.2 | 44.4 | 44.2 | 44.2 | 43.9 | 45.4 | 44.3 |
| 3322 | Malleable iron castings..... | 3.0 | 2.0 | 2.1 | 1.0 | 1.1 | 1.1 | .8 | 1.0 | .9 |
| 3323 | Steel castings..... | 17.2 | 15.2 | 55.8 | 54.5 | 54.5 | 54.1 | 54.8 | 56.4 | 55.8 |
| 3331;33412 | Copper smelting and refining products..... | 273.3 | 257.1 | 209.0 | 188.5 | 202.5 | 255.2 | 280.2 | n.a. | n.a. |
| 33311 | Smelter products ⁶ | .5 | 4.5 | 3.0 | .6 | 1.0 | 2.5 | 6.8 | 1.8 | 5.9 |
| 33312,33412 | Refined copper (primary and secondary)..... | 272.8 | 252.6 | 206.0 | 187.9 | 201.5 | 252.7 | 273.4 | 92.8 | 191.7 |
| 3332,33413 | Lead smelting and refining products..... | 2.0 | 2.1 | 3.4 | .7 | 1.1 | 1.4 | 1.4 | n.a. | n.a. |
| 33321 | Smelter products ⁶ | n.a. | n.a. | 2 | 2 | .2 | .4 | .2 | .1 | .3 |
| 33323,33413 | Refined lead (primary and secondary)..... | n.a. | n.a. | 3.4 | .7 | .9 | 1.0 | 1.2 | 1.3 | 1.0 |
| 3333;33414 3334;33417, 8,33527,8 | Zinc smelting and refining products..... | 1.4 | 2.5 | 7.8 | 7.8 | 8.3 | 11.4 | 18.4 | 2.9 | .8 |
| | Aluminum and aluminum-base alloys..... | 90.0 | 92.5 | 92.2 | 71.9 | 66.6 | 57.6 | 128.2 | 53.6 | 24.2 |
| 3339;33415,6 | Nonferrous smelting and refining products, n.e.c..... | 66.1 | 49.8 | 48.9 | 21.5 | 15.5 | 17.9 | 19.6 | 11.6 | 8.4 |
| 33395,33415 | Precious metals ⁷ | 20.7 | 13.1 | 11.2 | 4.2 | 2.0 | 2.9 | 3.7 | 1.5 | 1.6 |
| 33397,33416 | Other refined nonferrous metals..... | 45.4 | 36.7 | 837.6 | 817.4 | 813.6 | 815.0 | 815.8 | 810.1 | 86.9 |
| 33512 | Copper mill shapes..... | 17.5 | 21.5 | 12.6 | 12.6 | 13.4 | 11.8 | 10.2 | 9.0 | 7.1 |

Table II-8.--EXPORTS--METALS AND FABRICATED METAL PRODUCTS, 1958-66--Con.

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|-------------------------------------|--|---|-------|--------|--------|--------|--------|--------|--------|--------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | PRIMARY METAL PRODUCTS--Continued | | | | | | | | | |
| 33522-6 | Aluminum-rolled, drawn, extruded, except wire. | 75.5 | 57.0 | 951.6 | 939.7 | 933.3 | 924.9 | 916.5 | 910.1 | 910.2 |
| 33522 | Plate and sheet..... | 56.3 | 41.3 | 38.1 | 28.3 | 19.2 | 17.0 | 11.4 | 5.7 | 5.1 |
| 33523 | Plain foil..... | 1.8 | 1.8 | (9) | (9) | (9) | (9) | (9) | (9) | (9) |
| 33524, 5 | Bars, rods, and structural shapes..... | 15.0 | 10.8 | 13.5 | 11.4 | 14.1 | 7.9 | 5.1 | 4.4 | 5.1 |
| 33526 | Tube..... | 2.5 | 3.1 | | | | | | | |
| 3356; 33573 | Mill products of nonferrous metals, n.e.c.; rolled, drawn, or extruded ¹⁰ | 54.6 | 50.9 | 44.3 | 34.0 | 32.7 | 30.2 | 30.0 | 22.5 | 29.6 |
| 3357 pt.; 33511, 33521, 36996 | Nonferrous wire and cable..... | 48.1 | 41.8 | 1134.9 | 1136.8 | 1131.8 | 1127.3 | 1125.3 | 1133.0 | 1129.9 |
| 33571, 33521 | Aluminum and alloy, except insulated..... | 6.2 | 5.5 | 5.3 | 6.8 | 6.2 | 3.3 | 1.9 | 2.7 | 2.5 |
| 33572, 33511 | Copper and alloy, except insulated..... | 7.9 | 6.6 | 5.6 | 3.9 | 3.4 | 2.4 | 3.7 | 3.8 | 4.3 |
| 33574 | Insulated communication wire and cable..... | 9.0 | 6.0 | 1124.1 | | | | | | |
| 33576, 36996 | Insulated appliance wire, cord, and flexible cord sets..... | 1.8 | 1.3 | | 1126.1 | 1122.2 | 1121.6 | 1119.8 | 1126.6 | 1122.5 |
| 33577 | Magnet wire, insulated..... | 1.6 | 1.2 | | | | | | | |
| 33578 | Power wire and cable..... | 10.5 | 9.6 | | | | | | | |
| 33579 | Insulated wire and cable, n.e.c..... | 11.2 | 11.5 | | | | | | | |
| 3361, 2, 9; 3392 | Nonferrous castings and forgings..... | 14.4 | 11.6 | 126.0 | 125.3 | 127.9 | 124.6 | 123.5 | 123.1 | 123.5 |
| 3391; 33129 | Steel forgings..... | 24.1 | 19.8 | 16.2 | 12.6 | 12.9 | 11.9 | 14.3 | 11.2 | n.a. |
| 3399 pt. | Primary metal products, n.e.c..... | 8.6 | 8.9 | 6.5 | 4.2 | 4.1 | 3.7 | 4.3 | n.a. | 2.7 |
| 33991 | Metal powders and paste ¹³ | 8.1 | 8.2 | 6.1 | 3.8 | 3.6 | 3.2 | 3.8 | 2.7 | n.a. |
| 33992 | Other Primary products, n.e.c. ¹⁴ | .6 | .7 | .4 | .4 | .5 | .5 | .5 | .5 | n.a. |
| | FABRICATED METAL PRODUCTS | | | | | | | | | |
| 34 | Fabricated metal products, total ¹⁵ | 1,109.9 | 840.7 | 662.4 | 634.1 | 633.0 | 613.0 | 487.7 | n.a. | n.a. |
| 3411 | Metal cans ¹⁶ | 17.0 | 12.4 | 14.2 | 12.2 | 13.9 | 15.1 | 17.4 | 19.0 | 18.3 |
| 3421 | Cutlery..... | 11.8 | 9.3 | 9.7 | 7.4 | 6.0 | 6.2 | 4.7 | 4.4 | 4.2 |
| 34211 | Cutlery, scissors, shears, etc..... | 5.7 | 4.7 | 175.1 | 173.1 | 173.0 | 172.8 | 172.7 | 172.4 | 172.5 |
| 34212 | Razor blades and razors, except electric.... | 6.1 | 3.6 | 5.9 | 4.4 | 3.0 | 3.4 | 2.1 | 2.0 | 1.7 |
| 3423 | Hand and edge tools, except saws..... | 75.4 | 67.2 | 65.4 | 57.0 | 52.1 | 48.4 | 47.0 | 42.9 | 41.6 |
| 34231, 3 | Handtools, n.e.c..... | n.a. | n.a. | 56.2 | 48.6 | 44.3 | 40.4 | 39.7 | 36.1 | 35.1 |
| 34232 | Edge tools..... | n.a. | n.a. | 9.2 | 8.5 | 7.8 | 8.0 | 7.3 | 6.8 | 6.5 |
| 3425 | Hand saws and saw blades and accessories..... | 8.7 | 8.3 | 7.7 | 7.4 | 6.9 | 6.9 | 7.5 | 6.6 | 6.1 |
| 3429 | Hardware, n.e.c. ¹⁸ | 47.8 | 41.1 | 46.4 | 41.2 | 39.0 | 37.9 | 37.5 | 39.6 | 37.9 |
| 34292 | Furniture hardware..... | 3.4 | 3.0 | 2.6 | 2.4 | 2.3 | 2.1 | 2.2 | 2.3 | 2.2 |
| 34291 | Transportation equipment hardware ¹⁸ | 2.8 | 2.4 | | | | | | | |
| 34293 | Vacuum and insulated bottles ¹⁸ | 1.7 | 1.4 | 43.8 | 38.8 | 36.7 | 35.8 | 35.3 | 37.3 | n.a. |
| 34294, 5 | Other hardware..... | 39.9 | 34.3 | | | | | | | |

Table II-8.--EXPORTS--METALS AND FABRICATED METAL PRODUCTS, 1958-66--Coh.

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|------------------------|--|---|-------|--------|-------|-------|-------|-------|-------|-------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | FABRICATED METAL PRODUCTS--Continued | | | | | | | | | |
| 3431 | Metal plumbing fixtures..... | 194.1 | 194.6 | 6.1 | 5.0 | 4.3 | 5.0 | 5.0 | 6.7 | 7.9 |
| 3432 | Plumbing fixture fittings and trim (brass goods)..... | 9.9 | 8.2 | 7.1 | 6.3 | 5.5 | 5.9 | 5.9 | 6.7 | 7.0 |
| 3433 | Heating equipment, except electric ²⁰ | 41.5 | 35.3 | 32.8 | 28.2 | 25.6 | 25.1 | 26.5 | 29.7 | 29.9 |
| 34334 | Domestic heating stoves..... | 2.8 | 3.0 | 2.7 | 2.7 | 2.6 | 2.2 | 2.3 | 2.9 | 3.0 |
| 34431,6 | Oil burners, and other heating equipment and parts, n.e.c. ²⁰ | 34.4 | 28.1 | } 30.1 | 25.5 | 23.0 | 22.9 | 24.2 | 26.8 | n.a. |
| 34332 | Warm air furnaces..... | 2.5 | 2.3 | | | | | | | |
| 34333 | Cast iron heating boilers, radiators, and convectors..... | 1.5 | 1.5 | } 30.1 | 25.5 | 23.0 | 22.9 | 24.2 | 26.8 | n.a. |
| 34335 | Steel heating boilers..... | .4 | .3 | | | | | | | |
| 3441 | Fabricated structural iron and steel..... | 67.8 | 42.6 | 37.9 | 42.4 | 35.8 | 26.9 | 22.0 | n.a. | n.a. |
| 3442 | Metal doors, sash, frames, and molding and trim..... | 11.2 | 9.3 | 213.5 | 212.7 | 213.1 | 213.2 | 212.9 | 213.2 | 213.7 |
| 3443 | Fabricated plate work..... | 179.1 | 129.1 | 125.8 | 130.2 | 173.0 | 95.7 | 80.9 | n.a. | n.a. |
| 34431,3 | Heat exchangers and steam condensers and steel power boilers, parts and attachments. | 136.0 | 93.6 | 93.6 | 91.8 | 134.3 | 64.6 | 50.3 | n.a. | n.a. |
| 34432 | Fabricated steel plate..... | 5.2 | 4.7 | } | 9.6 | 10.6 | 7.5 | 7.7 | n.a. | n.a. |
| 34434 | Gas cylinders..... | 9.9 | 10.4 | | | | | | | |
| 34435,7-9 | Metal tanks..... | 28.0 | 20.4 | 23.2 | 28.9 | 28.1 | 23.6 | 22.9 | n.a. | n.a. |
| 3444 | Sheet metal products..... | 8.7 | 8.4 | 19.6 | 18.9 | 18.4 | 18.5 | 17.7 | 16.6 | 18.7 |
| 3446 | Architectural and ornamental metalwork..... | 2.1 | 2.6 | 1.2 | 6.9 | 4.3 | .7 | .8 | .8 | .9 |
| 3449 | Miscellaneous metalwork..... | 30.9 | 25.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 34492 | Prefabricated and portable metal buildings and parts..... | 7.6 | 7.8 | 7.7 | 6.5 | 7.6 | 6.9 | 7.2 | 15.1 | 7.1 |
| 34493 | Miscellaneous metal building materials and curtain wall..... | 23.4 | 18.0 | 22.4 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.6 |
| 34521 | Industrial fasteners (bolts, nuts, screws, etc.)..... | 49.3 | 36.6 | 29.4 | 25.8 | 21.8 | 19.2 | 17.9 | 17.4 | 16.6 |
| 3461 | Metal stampings: | | | | | | | | | |
| 34611 | Vitreous enameled products..... | 2.5 | 2.5 | 1.0 | .8 | .8 | .6 | .7 | .9 | n.a. |
| 34613 | Job stampings, automotive..... | 165.7 | 112.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 34614 | Stamped and spun aluminum cooking and kitchen utensils and hospital utensils..... | 2.3 | 2.2 | 3.1 | 2.2 | 2.2 | 2.1 | 2.6 | 2.9 | 3.0 |
| 34615 | Stamped and spun cooking and kitchen and hospital utensils, n.e.c..... | 5.2 | 4.4 | 4.6 | 4.4 | 4.9 | 4.6 | 4.8 | 4.6 | 5.2 |
| 34617 | Crowns..... | 1.9 | 1.7 | .8 | .7 | .8 | .9 | 1.0 | 2.3 | 4.0 |
| 34616 | Metal commerial closures, except crowns..... | 8.7 | 8.1 | } 6.5 | 6.3 | 6.4 | 5.7 | 5.8 | 5.4 | 5.5 |
| 34618 | Other stamped and pressed metal end products | .4 | .3 | | | | | | | |
| 3481;3315pt.; 33575 | Fabricated wire products..... | 28.5 | 28.9 | 20.3 | 20.3 | 18.8 | 16.0 | 15.0 | 16.7 | 19.1 |
| 34811,33151 | Noninsulated ferrous wire rope, cable, strand..... | 8.7 | 9.4 | 6.3 | 5.0 | 5.3 | 4.9 | 5.2 | 6.2 | 7.4 |

Table II-8.--EXPORTS--METALS AND FABRICATED METAL PRODUCTS, 1958-66--Con.

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | | |
|--------------|--|---|-------|--------|-------|-------|--------|--------|--------|-------|--|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 | |
| | FABRICATED METAL PRODUCTS--Continued | | | | | | | | | | |
| 34814, 33157 | Iron and steel woven wire products..... | 3.6 | 3.8 | 2.9 | 2.3 | 2.0 | 1.8 | 1.7 | 1.7 | 3.4 | |
| 34815, 33575 | Nonferrous woven wire products..... | 231.2 | 231.8 | 1.6 | 1.8 | 1.5 | 1.8 | 1.4 | 1.4 | | |
| 34812, 3 | Wire springs..... | 3.2 | 3.0 | | | | | | | | |
| 34816, 33156 | Fencing and fence gates..... | .9 | 1.0 | 9.5 | 11.1 | 10.0 | 7.5 | 6.8 | 7.4 | 8.3 | |
| 34819, 33159 | Other fabricated wire products..... | 11.0 | 9.8 | | | | | | | | |
| 3491, 6 | Metal shipping barrels, drums, kegs, pails, and collapsible tubes..... | 5.8 | 5.4 | 2411.5 | 249.8 | 249.6 | 2411.2 | 2411.4 | 2410.0 | 248.4 | |
| 3492 | Safes and vaults..... | 1.6 | 2.1 | 1.9 | 1.8 | 2.0 | 2.8 | 2.2 | 2.8 | 3.3 | |
| 3493 | Steel springs (except wire)..... | 1.6 | 1.5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 3494 | Valves and pipe fittings..... | 179.6 | 155.2 | 117.7 | 106.5 | 100.6 | 94.4 | 85.2 | 83.1 | 107.3 | |
| 34941 | Metal valves for piping systems, except plumbing and heating valves..... | 105.1 | 91.5 | | | | | | | | |
| 34943 | Plumbing and heating valves, except plumbers' brass goods..... | 3.9 | 2.8 | 82.7 | 76.6 | 71.1 | 65.4 | 58.4 | 56.1 | 71.7 | |
| 34944 | Other metal valves, except plumbers' brass goods..... | 10.3 | 8.3 | | | | | | | | |
| 34942 | Metal fittings and unions for pipe systems.. | 60.2 | 52.6 | 35.0 | 30.0 | 29.5 | 28.9 | 26.8 | 27.0 | 35.6 | |
| 3497 | Metal foil and leaf ²⁵ | 5.4 | 4.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 3400 | Miscellaneous fabricated metal products ²⁶ | 85.0 | 81.4 | 80.1 | 72.8 | 69.2 | 57.6 | 57.6 | 53.4 | n.a. | |

¹Exports include crude cyclic coal tar products, except benzene and toluene, also primary to codes 28140 and 29115.²Exports of cold-rolled electrical sheet and strip (part of code 33127) included with code 33123.³Exports exclude most coated sheet.⁴Cast iron rolls for rolling mills included with code 35431; 1966 and 1965 values were \$3.2 million and \$4.4 million, respectively.⁵Cast steel rolls for rolling mills included with code 35481; 1966 and 1965 values were \$5.6 million and \$5.1 million, respectively.⁶Exports include ores and concentrates.⁷Exports for 1966 and 1965 include silver, platinum, and platinum-group metals; those for 1964 and earlier years include only platinum and platinum-group metals. Value of silver exports in 1966 and 1965 were \$1.5 million.⁸Nickel included with code 33560 for 1964 and earlier years; 1966 value was \$17.6 million and 1965 value was \$8.2 million.⁹Plain aluminum foil (code 33523) included with code 3497 for 1964 and earlier years.¹⁰Exports include crude forms of some metals; output does not include code 33573 for 1962 and earlier years.¹¹Does not include flexible wire cord sets.¹²Includes aluminum and copper-base alloy only; excludes cooking utensils.¹³Content includes basically the same metals in 1966 as in earlier years, although some may or may not be included.¹⁴Exports represent nonferrous nails, brads, tacks, and staples only.¹⁵Exports include data for products of codes 33151, 6, 7, 9 and 33575; also of code 33523 for 1964 and earlier years.¹⁶Exports do not include tinware products.¹⁷Does not include table cutlery; 1966 value was \$0.3 million and 1965 value was \$0.4 million.¹⁸Exports do not include many transportation hardware items or bottles, jugs, and chests other than vacuum-type.¹⁹Includes iron and steel only.²⁰Exports do not include parts for domestic-type heating stoves and ranges, nonelectric.²¹Includes only iron, steel, and aluminum sash, sections, and frames.²²Includes metal lath only.²³Copper and aluminum only.²⁴1964 & earlier years not comparable to 1965; do not include collapsible tubes (code 3496) but include substantial value of filled containers.²⁵Data for 1964 and earlier years included in code 3400.²⁶Exports cover products primarily in this major group.

Appendix 1.—Industry Definitions

SIC Industry title and description
code (S = Specialization ratio; C = Coverage ratio)

33 PRIMARY METAL INDUSTRIES

This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings, forgings, and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke.

331 BLAST FURNACES, STEEL WORKS, AND ROLLING AND FINISHING MILLS:

3312 Blast Furnaces (Including Coke Ovens), Steel Works and Rolling Mills (S; C)¹.-- Establishments primarily engaged in manufacturing hot metal, pig iron, silvery pig iron, and ferroalloys from iron ore and iron and steel scrap; converting pig iron, scrap iron and scrap steel into steel; and in hot rolling iron and steel into basic shapes such as plates, sheets, strips, rods, bars and tubing. Merchant blast furnaces and byproduct or beehive coke ovens are also included in this industry.

Included in this industry are all establishments engaged in the manufacture of blast furnace ferroalloys. However, establishments which manufacture ferro or nonferrous additive alloys by electrometallurgical process are classified in industry 3313. Also, establishments which draw wire from purchased rod and bar; establishments which perform only cold rolling, drawing or finishing operations; and establishments which produce welded, seamless, and heavy riveted pipe from purchased materials are not included in industry 3312, but are included in industries 3315, 3316, and 3317, respectively.

3313 Electrometallurgical Products (S-85-90; C-77)².-- Establishments primarily engaged in manufacturing ferro and nonferrous additive alloys by electrome-

tallurgical processes, including high percentage ferroalloys and high percentage nonferrous additive alloys. Ferroalloys and other additives produced in blast furnaces are included in industry 3312.

3315 Steel Wire Drawing and Steel Nails and Spikes (S-89; C-30)².-- Establishments primarily engaged in drawing wire from purchased iron or steel rods, bars, or wire and which may be engaged in the further manufacture of products made from wire; and those primarily engaged in manufacturing steel nails and spikes from purchased materials. Rolling mills engaged in the production of ferrous wire from wire rods or hot rolled bars produced in the same establishment are classified in industry 3312. Establishments primarily engaged in drawing nonferrous wire are classified in Industry Group 335.

3316 Cold Rolled Sheet, Strip, and Bars (S-94; C-20)².-- Establishments primarily engaged in (1) cold rolling steel sheets and strip from purchased hot rolled sheets; (2) cold drawing steel bars and steel shapes from purchased hot rolled steel bars; and (3) producing other cold finished steel. Establishments primarily engaged in the production of steel, including hot rolled steel sheets, and further cold rolling such sheets are included in industry 3312.

3317 Steel Pipe and Tubes (S-91; C-37).-- Establishments primarily engaged in the production of welded or seamless steel pipe and heavy riveted steel pipe from purchased materials. Establishments primarily engaged in the production of steel, including steel skelp or steel blanks, tube rounds, or pierced billets are classified in industry 3312.

332 IRON AND STEEL FOUNDRIES:-- This group includes establishments primarily engaged in manufacturing iron and steel castings. These establishments generally operate on a job or order basis, manufacturing castings for sale to others or for interplant transfer.

See footnotes at end of text.

- Establishments which produce iron and steel castings and which are also engaged in fabricating operations such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Iron and steel castings are made to a considerable extent by establishments, classified in other industries, that operate foundry departments for the production of castings for incorporation, in the same establishment, into such products as stoves, furnaces, plumbing fixtures, motor vehicles, etc. Establishments primarily engaged in the manufacture and rolling of steel and also making steel castings are classified in industry 3312. Establishments primarily engaged in manufacturing nonferrous castings are classified in Industry Group 336.
- 3321 Gray Iron Foundries (S-93; C-88).-- Establishments primarily engaged in manufacturing gray iron castings, including cast iron pressure and soil pipe and fittings. Establishments primarily engaged in manufacturing valves and fittings, except plumbers' brass goods and fittings, are classified in industry 3494.
- 3322 Malleable Iron Foundries (S-87; C-87).-- Establishments primarily engaged in manufacturing malleable iron castings.
- 3323 Steel Foundries (S-85; C-89).-- Establishments primarily engaged in manufacturing steel castings.
- 333 PRIMARY SMELTING AND REFINING OF NONFERROUS METALS AND ALLOYS:
- 3331 Primary Smelting and Refining of Copper (S; C)³.-- Establishments primarily engaged in smelting copper from the ore, and in refining copper by electrolytic or other processes. Establishments primarily engaged in rolling, drawing or extruding copper are classified in industry 3351.
- 3332 Primary Smelting and Refining of Lead (S; C)³.-- Establishments primarily engaged in smelting lead from the ore and in refining lead by any process. Establishments primarily engaged in rolling, drawing, or extruding lead are classified in industry 3356.
- 3333 Primary Smelting and Refining of Zinc (S-92; C-81⁴).-- Establishments primarily engaged in smelting zinc from the ore, and in refining zinc, by any process. Establishments primarily engaged in rolling, drawing or extruding zinc are classified in industry 3356.
- 3334 Primary Production of Aluminum (S-100; C-75⁵).-- Establishments primarily engaged in producing aluminum from alumina, and in refining aluminum by any process. Establishments primarily engaged in rolling, drawing or extruding aluminum are classified in industry 3352.
- 3339 Primary Smelting and Refining of Nonferrous Metals, NEC (S-83; C-39⁶).-- Establishments primarily engaged in smelting and refining nonferrous metals, n.e.c. Establishments primarily engaged in rolling, drawing, and extruding these nonferrous primary metals are classified in industry 3356, and the production of bullion at the site of the mine is classified in the mining industries.
- 334 SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METALS AND ALLOYS:
- 3341 Secondary Smelting, Refining, and Alloying of Nonferrous Metals and Alloys (S-94; C-26⁷).-- Establishments primarily engaged in recovering nonferrous metals and alloys from new and used scrap and dross, but which are not engaged in further fabrication. This industry includes establishments engaged in both the recovery and alloying of precious metals. Plants engaged in the recovery of tin through secondary smelting and refining, as well as by chemical processes, are included in this industry. Establishments primarily engaged in assembling, sorting, and breaking up scrap metal, without smelting and refining, are classified in trade industries.
- 335 ROLLING, DRAWING, AND EXTRUDING OF NONFERROUS METALS:
- 3351 Rolling, Drawing, and Extruding of Copper (S-90; C-91).-- Establishments primarily engaged in rolling, drawing and extruding copper, brass, bronze and other copper-base alloy basic shapes such as plate, sheet, strip, bar, and

See footnotes at end of the text.

tubing. Establishments primarily engaged in recovering copper and its alloys from scrap or dross are classified in industry 3341.

3352 Rolling, Drawing and Extruding of Aluminum (S-85; C-93⁸).--Establishments primarily engaged in rolling, drawing and extruding aluminum and aluminum-base alloy basic shapes such as plate, sheet, bar, tubing and foil.

3356 Rolling, Drawing and Extruding of Nonferrous Metals, Except Copper and Aluminum (S-84; C-81⁹).--Establishments primarily engaged in rolling, drawing and extruding nonferrous metals other than copper (industry 3351), and aluminum (industry 3352). The products of this industry are produced in the form of basic shapes, such as plate, sheet, strip, bar and tubing. Establishments primarily engaged in recovering nonferrous metals and alloys from scrap or dross are classified in industry 3341; in manufacturing gold, silver, tin and other foils, except aluminum, in industry 3497; and aluminum foil in industry 3352.

3357 Drawing and Insulating of Nonferrous Wire (S-99; C-86, ¹⁰).--Establishments primarily engaged in drawing, drawing and insulating, and insulating wire and cable of nonferrous metals from purchased wire bars, rods or wire.

336 NONFERROUS FOUNDRIES:--These foundry industries comprise establishments primarily engaged in manufacturing aluminum castings, including cast aluminum cooking utensils (3361), brass, bronze, and copper castings including unmachined bearings and bushings (3362), and other nonferrous castings (3369). Those primarily engaged in manufacturing iron and steel castings are classified in Industry Group 322.

For these industries, captive production (that is, the tonnage of castings produced for incorporation into the final product of the plant or company) is a particularly important factor. Distinction is made between rough castings and castings which are machined or further processed and incorporated into other products. The removal of gates, risers, sprues, and tumbling, dipping, and sand blasting do

not constitute machining. Plants primarily engaged in manufacturing castings are included in the foundry industries; plants primarily engaged in further processing castings into parts for metal products or machinery are classified in other major groups.

For the 1963 and 1958 Censuses of Manufactures separate establishment reports were received from all commercial (jobbing) foundries and from those captive foundries which were operated as separate establishments by the reporting companies. These two groups comprise the types of establishments included in industries 3361, 3362, and 3369. However, where the captive foundry operation was completely integrated with the operations of the entire plant, no separate establishment report was received for the foundry activity. In these instances data were obtained on the tonnage of castings produced and consumed and on the number of employees usually engaged in the captive foundry operation. However, establishments with such foundry departments were classified on the basis of the plant's final product and accordingly, the general statistics on employment, payrolls, cost of materials, etc., are included in the data for such industries as 3432 and 3494, etc.

3361 Aluminum Castings (S-81; C-83).--Establishments primarily engaged in manufacturing castings and die castings of aluminum.

3362 Brass, Bronze, Copper, Copper-Base Alloy Castings (S-84; C-78).--Establishments primarily engaged in manufacturing castings and die castings of copper and copper-base alloy.

3369 Nonferrous Castings, N.E.C. (S-78; C-75).--Establishments primarily engaged in manufacturing castings and die castings of nonferrous materials except aluminum, copper and copper-base alloys.

339 MISCELLANEOUS PRIMARY METAL INDUSTRIES:

3391 Iron and Steel Forgings (S-89; C-69¹¹).--Establishments primarily engaged in manufacturing light and heavy board drop, steam hammer, upset, and press iron and steel forgings with or without

See footnotes at end of the text.

the use of dies. Rolling mills engaged in the production of iron and steel forgings are classified in industry 3312.

3392 Nonferrous Forgings (S-69; C-55).-- Establishments primarily engaged in manufacturing, with or without the use of dies, forgings of aluminum, titanium, copper and other nonferrous metals and alloys.

3399 Primary Metal Industries, N.E.C. (S-93; C-87).--Establishments primarily engaged in manufacturing primary metal products, n.e.c., such as nonferrous nails, brads, and spikes; metal powder, flakes, and paste; and establishments primarily engaged in heat treating of metal for the trade; also those establishments primarily engaged in reclaiming metallics from slag.

34 FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as metal cans, tinware, hand tools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal stampings, and a variety of metal and wire products, n.e.c. Certain important segments of the metal fabricating industries are classified in other major groups such as ordnance in Major Group 19; machinery in Major Groups 35 and 36; transportation equipment in Major Group 37; professional, scientific, and controlling instruments, watches and clocks in Major Group 38; and jewelry and silverware in Major Group 39. Establishments primarily engaged in producing ferrous and nonferrous metals and their alloys are classified in Major Group 33.

341 METAL CANS:

3411 Metal Cans (S-97; C-98).--Establishments primarily engaged in manufacturing metal cans from purchased tinplate, terneplate, blackplate, or enameled sheet metal. Establishments primarily engaged in the manufacture of composite cans made partially of metal and partly of nonmetallic materials (such as fiberboard) are excluded from this industry.

342 CUTLERY, HAND TOOLS, AND GENERAL HARDWARE:

3421 Cutlery (S-89; C-97).--Establishments primarily engaged in manufacturing cutlery. Establishments primarily engaged

in manufacturing table cutlery made entirely of metal are classified in industry 3914; those manufacturing electric razors in industry 3634; and those manufacturing hair clippers for human use in industry 3999, and for animal use in industry 3522.

3423 Hand and Edge Tools. Except Machine Tools and Hand Saws (S-87; C-84).-- Establishments primarily engaged in manufacturing files and other hand and edge tools for metalworking, woodworking, and general maintenance. Establishments primarily engaged in manufacturing saws are classified in industry 3425; and metal cutting dies and power driven hand tools, and attachments and accessories for machine tools in Major Group 35.

3425 Hand Saws and Saw Blades (S-78; C-85).-- Establishments primarily engaged in manufacturing hand saws and saw blades for hand and power driven saws. Establishments primarily engaged in manufacturing power driven sawing machines are classified in Major Group 35.

3429 Hardware, N.E.C. (S-91; C-93).--Establishments primarily engaged in manufacturing miscellaneous metal products usually termed "hardware" and n.e.c. Establishments primarily engaged in manufacturing bolts and nuts are classified in industry 3452, nails and spikes in Major Group 33, cutlery in industry 3421, hand tools in industry 3423, and pole line and transmission hardware in Major Group 36.

343 HEATING APPARATUS (EXCEPT ELECTRIC) AND PLUMBING FIXTURES:

3431 Enameled Iron and Metal Sanitary Ware (S-84; C-91).--Establishments primarily engaged in manufacturing enameled iron, cast iron, or pressed metal sanitary ware. Establishments primarily engaged in manufacturing vitreous and semivitreous pottery sanitary ware are classified in industry 3261; and those manufacturing porcelain enameled kitchen, household, and hospital ware in industry 3461.

This industry includes establishments which fall into two significantly different categories, namely those producing cast iron plumbing fixtures and those producing metal fixtures of pressed metal. Accordingly, the manufacturing plants included in this industry involve

See footnotes at end of the text.

different manufacturing processes depending upon the line of products produced. Those fixture plants producing cast iron fixtures include significant foundry operations while the pressed metal fixture plants are more closely allied to metal fabricating plants producing their product by forming processes (stamping, drawing, etc.).

The operations of the largest establishments in this industry cover the entire production process including the casting of the fixture through the machining, finishing, and assembly operations. In general these processes are carried on at a single manufacturing plant. However, in a few instances the foundry operations were performed at separate locations and, accordingly, those separate foundries were classified in the foundry industries (SIC industries 3321, 3322, 3323, 3361, 3362 and 3369). In the latter case the plants classified in this industry would be limited to machining and finishing operations on castings received from their associated plants.

3432 Plumbing Fixture Fittings and Trim (Brass Goods) (S-90; C-83).--Establishments primarily engaged in manufacturing plumbing fixture fittings and trim (brass goods). Establishments primarily engaged in the manufacture of steam or water line valves are classified in industry 3494.

3433 Heating Equipment, Except Electric (S-76; C-81).--Establishments primarily engaged in manufacturing heating equipment for all purposes other than power, including all gas, oil, and stoker coal fired equipment for the automatic utilization of gaseous, liquid, and solid fuels. Establishments primarily engaged in manufacturing electric stoves and ranges are classified in industry 3631; boiler shops primarily engaged in the production of industrial, power and marine boilers in industry 3443; and industrial process furnaces and ovens in industry 3567.

344 FABRICATED STRUCTURAL METAL PRODUCTS:

3441 Fabricated Structural Steel (S-86; C-89).--Establishments primarily engaged in manufacturing fabricated iron and steel or other metal for structural purposes, for bridges, buildings, and sections for ships, boats and barges. Establishments primarily engaged in manufacturing

metal doors, sash, frames, molding and trim are classified in industry 3442; and fabrication work done by construction contractors at the site of construction is classified in construction industries.

3442 Metal Doors, Sash, Frames, Molding and Trim (S-88; C-94).--Establishments primarily engaged in manufacturing ferrous and nonferrous metal and metal covered doors and sash, window and door frames and screens, molding and trim.

3443 Fabricated Plate Work (Boiler Shops) (S-89; C-83).--Establishments primarily engaged in manufacturing power and marine boilers, pressure and non-pressure tanks, processing and storage vessels, heat exchangers, weldments and similar products by the process of cutting, forming and joining metal plates, shapes, bars, sheet, pipe mill products and tubing to custom or standard design for factory or field assembly. Establishments primarily engaged in manufacturing nonelectric heating apparatus other than power boilers are classified in industry 3433, and household cooking apparatus in industry 3631.

3444 Sheet Metal Work (S-88; C-78).--Establishments primarily engaged in manufacturing sheet metal work for buildings (not including fabrication work done by construction contractors at the place of construction), and manufacturing sheet metal stove-pipes, light tanks, etc. Establishments in the sheet metal field are frequently engaged in activities which overlap the economic divisions of manufacturing, wholesale, service and construction, and some difficulty is experienced in distinguishing a sheet metal manufacturing establishment from other sheet metal wholesalers. Establishments performing manufacturing operations incidental to their installation or contracting business are excluded from the census of manufactures. Conversely, many of the plants included in industry 3444 are engaged to a secondary extent in wholesaling or installing sheet metal items.

3446 Architectural and Ornamental Metal Work (S-86; C-71).--Establishments primarily engaged in manufacturing architectural and ornamental metal work of ferrous and nonferrous metals, such as stairs and staircases, open steel

flooring (grating), fire escapes, grills, railings, and fences and gates except wire. Establishments primarily engaged in manufacturing prefabricated and portable metal buildings and parts, and miscellaneous metal work are classified in industry 3449.

This industry was not defined in the SIC for 1958 but was then part of industry 3449.

- 3449 Miscellaneous Metal Work (S-89; C-68).-- Establishments primarily engaged in manufacturing miscellaneous ferrous and nonferrous metal work, such as prefabricated and portable metal buildings and parts, metal plaster bases, fabricated bar joists and concrete reinforcing bars, and prefabricated exterior metal panels.

This industry was redefined in the SIC for 1963. Industry 3446, shown above, was part of industry 3449 in 1958.

- 345 SCREW MACHINE PRODUCTS AND BOLTS, NUTS, SCREWS, RIVETS AND WASHERS:

- 3451 Screw Machine Products (S-97; C-90).-- Establishments primarily engaged in manufacturing automatic or hand screw machine products from rod, bar, or tube stock of metal, fiber, plastics, or other material. The products of this industry consist of a wide variety of unassembled parts and are usually manufactured on a job or order basis. Establishments primarily engaged in manufacturing standard bolts, nuts, rivets, screws, or other industrial fasteners, on headers, threaders, and nut forming machines are classified in industry 3452.

Industry 3451 includes establishments producing a wide variety of items such as small machinery parts, etc., on hand operated and automatic screw machines from rod, bar and tube stock and from castings and forgings. These products are produced almost entirely on a job or order basis. Included are screw machine departments or plants of companies primarily engaged in producing finished end products where such activities could be reported separately. However, in many instances captive screw machine operations were so integrated with other activities that separate reports were not obtained and the entire establishment was classified on the basis of its primary products.

See footnotes at end of the text.

3452

Bolts, Nuts, Washers, and Rivets (S-92; C-90).-- Establishments primarily engaged in manufacturing bolts, nuts, screws, rivets, washers, formed and threaded wire goods, and special industrial fasteners. Rolling mills engaged in manufacturing similar products are classified in Major Group 33, and establishments primarily engaged in manufacturing screw machine products in industry 3451.

Plants included in industry 3452 in general are engaged in the manufacture of bolts, nuts, screws, and rivets of standard types and sizes on heading, threading, and nut forming machines. These establishments may be also engaged in the production of special industrial fasteners which require special or added operations or the use of special tools and fixtures. These items include bolts, nuts, screws, etc., of nonstandard types and sizes and special fasteners made by stamping and other forming processes. To a lesser extent these plants manufacture standard type bolts, nuts, screws, etc., on automatic and hand hand operated screw machines.

- 346 METAL STAMPINGS:

- 3461 Metal Stampings (S-84; C-86).-- Establishments primarily engaged in manufacturing metal stampings by the use of tools, dies, jigs, and fixtures to punch, draw, form, or otherwise modify materials under pressure in a machine (primarily punch and draw presses).

Establishments in industry 3461 produce both job stampings and finished end products. Job stampings are made from materials owned by the stamping establishments as well as from materials owned by the customer and processed by the stamping establishments on a contract or commission basis. These stampings are mainly parts which are sold to manufacturers for incorporation into any of a wide variety of products such as refrigerators, agricultural machinery, radio and television sets. Finished end products manufactured by establishments in this industry include cooking, kitchen, and hospital utensils (including domestic pressure cookers and porcelain enameled utensils), pails, ash cans, garbage cans, perforated metal products, metal commercial and home canning closures as well as a large variety of miscellaneous items.

Industry 3461 includes the stamping departments of establishments primarily engaged in producing fabricated metal products where such stamping activities could be reported separately. However, where captive stamping operations were closely integrated with other activities, such as in the production of household appliances, farm equipment, motor vehicles, etc., separate reports were not obtained.

347 COATING, ENGRAVING, AND ALLIED SERVICES:

3471 Electroplating, Plating, Polishing, Anodizing, and Coloring (S^{12} ; C^{13}).--Establishments primarily engaged in all types of electroplating, plating, anodizing, and coloring, and finishing of metals and formed products for the trade. Most of the work done in this industry is done on materials owned by others.

3479 Coating, Engraving, and Allied Services, N.E.C. (S^{14} ; C^{15}).--Establishments primarily engaged in performing the following types of services on metals: (1) enameling, lacquering, and varnishing metal products for the trade; (2) hot dip galvanizing of mill sheets, plates and bars, castings, and formed products fabricated of iron and steel; in hot dip coating such items with aluminum, lead, or zinc; in retinning cans and utensils; (3) in engraving, chasing and etching jewelry, silverware, notarial and other seals, and other metal products for the trade and for job contracting for purposes other than printing; (4) and other metal services, n.e.c. Establishments primarily engaged in electroplating, plating, polishing, anodizing, coloring, and finishing of metals and formed products for the trade are classified in industry 3471; and those producing porcelain enameled products in industry 3461.

Industry 3479 includes establishments engaged primarily in enameling materials owned by others. Establishments primarily engaged in manufacturing vitreous-enameled products from their own materials are included in industry 3461. In addition, industry 3479 covers both vitreous and other types of enameling (such as baked enameling) whereas industry 3461 includes only vitreous-enameled establishments as well as

those producing other types of metal stampings.

Industry 3479 includes establishments primarily engaged in galvanizing iron and steel sheets or formed products; in coating iron sheets or formed products with aluminum, lead, or zinc; and in refining cans and utensils. Most of the work done in this industry is done on materials owned by others. Rolling mills engaged in galvanizing, tinning, and other coating are classified in industry 3312, and establishments primarily engaged in manufacturing galvanized steel wire, from purchased metal rods or bars, are classified in industry 3315.

Industry 3479 includes establishments primarily engaged in engraving, chasing, and etching jewelry, silverware, notarial seals, and other metal products for the trade, for purposes other than printing. Establishments primarily engaged in preparing metal lithographic plates and in printing from such media are classified in industry 2752; establishments primarily engaged in engraving and etching steel and copper plates and in using these plates to print stationary, visiting cards, etc., are included in industry 2753; and establishments primarily engaged in preparing photoengraved plates (halftones and line-cuts) are classified in industry 2793.

348 MISCELLANEOUS FABRICATED WIRE PRODUCTS:

3481 Miscellaneous Fabricated Wire Products ($S-93$; $C-65^{25}$).--Establishments primarily engaged in manufacturing miscellaneous fabricated wire products from purchased wire. Rolling mills engaged in manufacturing wire products are classified in Major Group 33; establishments manufacturing nonferrous wire nails and spikes in industry 3399; those drawing and insulating nonferrous wire in industry 3357; and those assembling wire bedsprings or seats are classified in Major Group 25.

349 MISCELLANEOUS FABRICATED METAL PRODUCTS:

3491 Metal Shipping Barrels, Drums, Kegs, and Pails ($S-92$; $C-86$).--Establishments primarily engaged in manufacturing ferrous and nonferrous shipping barrels, drums, kegs, and pails.

See footnotes at end of the text.

- 3492 Safes and Vaults (S-81; C-90-95).--Establishments primarily engaged in manufacturing fire or burglary resistive steel safes and vaults (except concrete grave vaults, industry 3272, and metal grave vaults, industry 3988), and similar fire or burglary resistive products.
- 3493 Steel Springs (S-91; C-67).--Establishments primarily engaged in manufacturing leaf springs, hot wound springs and coiled flat springs. Establishments primarily engaged in manufacturing wire springs are classified in industry 3481, and rolling mills manufacturing steel springs in industry 3312.
- 3494 Valves and Pipe Fittings, Except Plumber's Brass Goods (S-86; C-85).--Establishments primarily engaged in manufacturing valves for controlling the flow of liquids or gases in pipes and mains, and for machinery. Establishments primarily engaged in manufacturing faucets, spigots, and similar plumbers' brass goods and fittings are classified in industry 3432.
- 3496 Collapsible Tubes (S-88; C-100).--Establishments primarily engaged in manufacturing collapsible tubes defined as cylindrical containers for viscous products, made of thin flexible metal, usually of tin, tin lined lead, lead, lead-tin alloy, or aluminum, with integral shoulder and neck, provided with an appropriate size opening in the throat, and usually with a screw cap made of plastic material for closure over the neck.
- 3497 Metal Foil and Leaf (S-84; C-45).--Establishments primarily engaged in manufacturing gold, silver, tin and other metal foil (including converted metal foil) and leaf. Establishments primarily engaged in manufacturing plain aluminum foil are classified in industry 3352.
- 3498 Fabricated Pipe and Fabricated Pipe Fittings (S-92; C-91).--Establishments primarily engaged in fabricating pipe and pipe fittings from purchased pipe, by cutting, threading, bending, etc. Establishments primarily engaged in manufacturing cast iron pipe and fittings, including cast and forged pipe fittings which have been machined and threaded, are classified in industry 3321; welded and heavy riveted pipe in industry 3317; and seamless steel pipe in industry 3317. Establishments primarily engaged in manufacturing products such as banisters, railings, and guards from pipe are classified in industry 3446.
- 3499 Fabricated Metal Products, N.E.C. (S-89; C-62).--Establishments primarily engaged in manufacturing fabricated metal products, n.e.c. Establishments primarily engaged in manufacturing advertising novelties are classified in industry 3993. Specific products of this industry include ammunition boxes, metal strapping, aluminum giftware (hammered), metal bookends, ladders, and fabricated railroad track equipment, such as switches, crossings, etc. Establishments primarily engaged in manufacturing castings or forgings are classified in Major Group 33; hardware in industry 3429; metal stampings in industry 3461; machine and equipment parts in Major Group 35 and Major Group 36.

¹ The value of shipments for this industry includes duplication; the products of some establishments are used as materials by others. Specialization ratio computed on the basis of net value of shipments would approximate 94 percent. A coverage ratio for this industry cannot be precisely computed. However, such a ratio would exceed 86 percent.

² Includes small amount of primary products made in other industries to avoid disclosing figures for individual companies. This amount, however, constitutes less than 2 percent of the total.

³ Ratios have not been calculated because the shipments of primary products contain extensive duplication.

⁴ Included in this industry is refined zinc, also primary to industry 3341. A coverage ratio computed on the basis of including both industries to which refined zinc is primary would total 96 percent; 81 percent by industry 3333 and 15 percent by industry 3641.

⁵ Included in this industry are aluminum-base alloys, also primary to industry 3341, and industry 3352. A coverage ratio computed on the basis of including all three industries to which aluminum-base alloys are primary would total 96 percent; 75 percent by industry 3334; 17 percent by industry 3341; and 4 percent by industry 3352.

⁶ Included in this industry are refined nonferrous alloys, n.e.c., also primary to industry 3341. A coverage ratio computed on the basis of including both industries to which refined nonferrous alloys, n.e.c., are primary would total 59 percent; 39 percent by industry 3341; 20 percent by industry 3341.

⁷ Included in this industry are refined copper, lead, zinc, aluminum, precious metals, and other nonferrous metals. Each of these is also primary to the comparable primary smelting and refining industry in Industry Group 333. A coverage ratio computed on the basis of including both industries to which these products are primary would total 89 percent; 26 percent by industry 3341; 63 percent by primary nonferrous smelters and refiners.

⁸ Included in this industry is aluminum and aluminum-base alloy wire (including ACSR), also primary to industry 3357. A coverage ratio computed on the basis of including both industries to which aluminum and aluminum-base alloy wire (including ACSR) is primary would, in 1963, total 96 percent:

Footnotes continued at top of next page.

93 percent by industry 3352, and 3 percent by industry 3357. For 1958, comparable percentage was 96: 92 percent by industry 3352 and 4 percent by industry 3357.

⁹ Included in this industry is other nonferrous metal wire, also primary to industry 3357. A coverage ratio computed on the basis of including both industries to which nonferrous metal wire is primary would, in 1963, total 85 percent; 81 percent by industry 3356 and 4 percent by industry 3357.

¹⁰ Included in this industry are aluminum and aluminum-base alloy wire (including ACSR), other nonferrous metal wire, nonferrous woven wire products, and appliance wire and cord and flexible cord sets, also primary respectively to industries 3352, 3356, 3481, and 3699. A coverage ratio computed on the basis of including the industries to which these products are primary would, in 1963, total 94 percent; 86 percent by industry 3357; and 8 percent by industries 3352, 3356, 3481, and 3699.

¹¹ Included in this industry are open die hammer and press forgings, also primary to industry 3312. A coverage ratio computed on the basis of including both industries to which open die

hammer and press forgings are primary would total 80 percent; 69 percent by industry 3391 and 11 percent by industry 3312.

¹² Specialization ratio not meaningful because of predominance of receipts for contract and commission work on materials owned by others. Such receipts are treated as primary products for this industry.

¹³ Data on receipts for the primary services of this industry are not available for establishments classified in other industries.

¹⁴ Included in this industry are selected fabricated wire products also primary to industry 3315. A coverage ratio computed on the basis of including both industries to which these products are primary would total 79 percent; 65 percent by industry 3481 and 14 percent by industry 3315.

¹⁵ Included in this industry are appliance wire and cord sets, also primary to industry 3357. For 1963, a coverage ratio computed on the basis of including both industries to which appliance wire and cord sets are primary would total 79 percent; 49 percent by industry 3699 and 30 percent by industry 3357.

Appendix 2.—Explanatory Notes

CLASSIFICATION

The SIC

Data in this volume are classified within the framework of the Bureau of the Budget *Standard Industrial Classification* (SIC) of 1957. The purpose of the SIC is to provide a means for classifying establishments according to their primary activities, for the purpose of collection, tabulation, presentation and analyses of data relating to establishments.

The SIC identifies four-digit manufacturing industry codes in the following manner:

1. The first two digits identify the general type of activity,

e.g., The code 33 refers to the manufacture of "Primary Metals"

2. The third digit identifies a subgroup within the general type of activity,

e.g., 332 represents "Iron and Steel Foundries"

3. The fourth digit identifies a specific industry within each subgroup,

e.g., 3321 identifies "Gray Iron Foundries"
3322 "Malleable Iron Foundries"

In the *Annual Survey and Census of Manufactures*, each manufacturing establishment is assigned a four-digit code which reflects the primary activity of that establishment. Data collected in these surveys can then be tabulated at the 2-, 3-, or 4-digit levels of the SIC depending on the type of information to be shown. In this publication, table 1 of Section I and tables 1 and 2 of Section II show data at the two-digit level. Tables 2-5 of Section I and 3, 4, and 5 in Section II present data at the four-digit level of the SIC. In all these cases, the data shown represent totals for establishments classified with the same SIC code (i.e., the same first two digits or the same four digits).

Product Classes

To provide more detailed information on product shipments, the Census Bureau has added a fifth digit to the four-digit SIC code described above. Continuing the above example, within the four-digit industry classification 3321 for "Gray Iron

Foundries," the Census Bureau has developed a series of product classes such as:

33211 "Molds for heavy steel ingots"
33212 "Cast iron pressure pipe"
33213 "Cast iron soil prepared fittings"

The data in tables 6 and 7 of Section I and tables 6-8 of the Section II are reported, with some modifications, on the basis of the five-digit product class codes. It is essential to note that the product class codes differ from the SIC, in that their purpose is not to classify establishments but rather to classify groups of products. The codes assigned to these product classes are based on the industries to which they are primary.

Data reported on a product-class basis reflect the total shipments of products (wherever made), rather than the characteristics of establishments that are primarily engaged in making those products.

Modification of Product Class Codes

In table 7 of Section I and table 6 of Section II certain modifications have been made in the product classes developed by the Census Bureau; in order to:

1. Adjust for changes in product class definitions since 1958, and
2. Adjust for the fact that similar products are produced in and are defined as primary to more than one industry.

The first type of adjustment was made in those cases where more detailed product classes have been established since 1958. In this publication, the data for the new product classes have been combined, in order to present comparable data since 1958 rather than for just 1965 and 1966. A five-digit code ending in "A," "B," or "C" identifies this type of combination.

The second type of adjustment was made in those cases where the same product class is primary to more than one industry. This combined total is shown in the four-digit product group in which the largest proportion of the total is produced. A five-digit code ending in "U, V, W, X, Y, or Z" identifies this type of combination. For the other product classes included, the original code is shown; a double dash (-) is shown in the data fields and the reader is referred to the appropriate combination.

As a result of the adjustment made for products being classified as primary to more than one industry, data are not shown for those four-digit product groups which include one or more of these product classes.

These two types of modifications have been carried out in order to present comparable data for all years, 1958 to 1966, and to show data, to the greatest degree possible, on a wherever made basis.

DEFINITIONS

General Statistics

The so-called general statistics refer to the basic statistical series on number of establishments, number of companies, employment, payroll, production workers, wages, man-hours, value added, value of shipments and capital expenditures, that are tabulated on the two-digit and four-digit SIC level in this publication. As mentioned above, these series are developed by aggregating data for establishments that engage primarily in the same types of activities. The following definitions of terms, used in reporting general statistics, apply to data shown in tables 1-5 of Section I and tables 1-5 of Section II.

NUMBER OF ESTABLISHMENTS: The total number of establishments that are classified with the same SIC code, whether at the two-, or four-digit level of the SIC.

NUMBER OF COMPANIES: The total number of companies with at least one establishment classified in a given SIC code (reported at the four-digit level only).

TOTAL EMPLOYMENT: All full-time and part-time employees on the payrolls of operating manufacturing establishments who worked or received pay for any part of the pay period ended nearest the 15th of selected months. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. All plant employees, including plant officials, are included except proprietors and partners of unincorporated firms.

Total employment generally consists for "production workers" of an average of four monthly figures for March, May, August, and November plus for "all other employees" the mid-March figure.

PRODUCTION WORKERS: All workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plants' own use (e.g., power plant) record keeping, and other

services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level are excluded from this category.

ALL OTHER EMPLOYEES: This figure can be derived by subtracting production workers from total employment. Nonproduction personnel of the manufacturing establishment, including those engaged in the following activities: Factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.); professional, and technical. Also included are employees on the payroll of the manufacturing establishment who are engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

PAYROLL: This total represents gross wages and salaries paid in the calendar year to all employees on the payroll of operating manufacturing establishments, following the definition of payrolls used for calculating the Federal withholding tax. Included are all forms of compensation, such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deduction as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of the Armed Forces and pensioners carried on the active payrolls of manufacturing establishments.

PRODUCTION WORKER MAN-HOURS: All plant man-hours of production workers as defined above, represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours). The total excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported.

WAGES: Gross earnings paid in the calendar year to all production workers on the payrolls of operating manufacturing establishments.

VALUE OF SHIPMENTS: Dollar amounts of the received or receivable net selling values, f.o.b. plant, after discounts and allowances, and excluding freight charges and excise taxes. However, where the products of an industry are customarily delivered by the manufacturing establishment (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered prices of the goods.

Value of production data rather than shipments are collected in several instances where value of

shipments does not provide a good measure of activity, and where information regarding the value of production is readily reportable. For certain large lead time products (e.g., aircraft) value of work done is substituted.

The value of shipments shown for a product class may differ from the value of production of that class because of inventory changes during the year. In addition, the shipments data do not reflect the output of products produced and used for further processing in the same plant.

Included in value of shipments are: All items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment; receipts for contract work; and receipts for such miscellaneous activities as sale of scrap and refuse, installation work by plant employees, research and development, and repair work. The net selling value of products made in one plant on a contract basis from materials owned by others was reported by the plant providing the materials. The value of products bought and re-sold without further processing (merchandising) was reported separately and is included in the value of shipments totals for each industry, but are not included in product class totals.

For multi-unit companies, the value of products transferred to other establishments of the same company (i.e., other manufacturing plants, separate sales branches, or retail stores) was tabulated as though each establishment were a separate economic unit. Included in "value of interplant transfers within the company" are not only the direct costs of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

VALUE ADDED: This measure is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments of products manufactured plus receipts for services rendered. The result of this calculation is then adjusted by the addition of value added by merchandising operations (that is the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process inventories between the beginning and end of the year.

"Value added" avoids the duplication in the "value of shipments" figure which results from the use of products of some establishments as materials by others. Consequently, it is useful for comparing the relative economic contribution of the manufacturing process among industries and geographic areas.

CAPITAL EXPENDITURES: For establishments in operation and establishments under construction but not yet in operation, these data include expenditures for (a) permanent additions and major alterations to manufacturing establishments, and

(b) new machinery and equipment used for replacement purposes and additions to plant capacity, if these are of the type for which depreciation accounts are ordinarily maintained.

These totals exclude that portion of expenditures for new facilities and equipment leased from non-manufacturing concerns, new facilities owned by the Federal Government but operated under contract by private companies, and plant and equipment furnished to the manufacturer by communities and organizations. Expenditures for used plant and equipment, expenditures for land, and costs of maintenance and repairs charged as current operating expense are also omitted.

Ratios

A number of ratios have been computed based on the general statistics on industries. The following definitions of ratios apply to table 1 in Section I and tables 1 and 4 in Section II:

VALUE ADDED AS PERCENT OF SHIPMENTS: Computed by dividing "value of shipments" into "value added." The resulting percentage shows the new production contribution of an industry to its value of shipments. The complement of that percentage (100.0 minus the percentage), which is not shown, would be an approximation of the importance of the cost of materials of the industry.

PAYROLL PER EMPLOYEE: Computed by dividing "total employment" into "payroll." The resulting dollar figure is a measure of the average annual payroll of employees in an industry. It should be noted that "payroll" is an actual record of the amount of money paid to employees in a given year, while "total employment" is an estimate based on four months' data for that year.

WAGES PER PRODUCTION WORKER: Computed by dividing "production workers" into "wages." It is a measure of the annual wages of wage earners in an industry. As in the case of "payroll per employee," it should be noted that the dollar figure, for "wages" is an actual record of amount paid, while "production workers" is estimated by averaging data for four months of the year.

VALUE OF SHIPMENTS PER PRODUCTION WORKER: Computed by dividing "production workers" into "value of shipments." It is important to note that the "value of shipments" may be affected by several factors, such as cost of materials and the importance of receipts and payments for contract work, which have little or no relationship to the number of production workers.

VALUE ADDED PER PRODUCTION WORKER: Computed by dividing "production workers" into "value added." Since there are fewer factors in "value added" than in "value of shipments" that are unrelated to the number of production workers, this measure permits better comparisons of average net contributions of the production

process per production worker among industries, areas, and establishments. This ratio does not express the contribution of each production worker to the manufacturing process exclusive of the contribution of the other factors of production but rather expresses a numerical measure of the relationship between the two parameters.

VALUE ADDED PER DOLLAR OF WAGES: Computed by dividing "wages" into "value added." The resulting ratio measures the relative importance of "wages" to net contribution of the whole manufacturing process to dollars of wages paid to the labor factor of production.

WAGES PER PRODUCTION WORKER MAN-HOUR: Computed by dividing "man-hours" into "wages." The resulting dollar figure is a rough measure of average hourly earnings. It is not a measure of the wage rate since "wages" includes premium payments for overtime as well as vacation and sick leave pay, bonuses, etc.

ANNUAL MAN-HOURS PER PRODUCTION WORKER: Computed by dividing "production workers" into "man-hours."

In table 2 of Section II, two ratios have been computed. The ratios relate average capital expenditures (1963-65) to averages for the other two parameters--value added and production workers. The *average annual* capital expenditures is divided by *average annual* value added in the first ratio and divided by *average annual* production worker employment for 1963-65 in the second. Averages were used in calculating ratios because capital expenditures tend to be highly variable on an annual basis.

Product Class Statistics

Data are available on domestic shipments, imports and exports by five-digit product class. The following definitions of terms refer to product class data reported in tables 6 and 7 in Section I and tables 6-8 in Section II.

VALUE OF SHIPMENTS: On a "product" basis represents the total value of shipments of classes of products, wherever made. They include not only shipments of these products by the industry in which they are primary, but also shipments as secondary products, by establishments in other manufacturing industries.

Dollar amounts shown are the received or receivable net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. However, where the products are customarily delivered by the manufacturing establishment (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered price of goods. As mentioned in an earlier section, value of production is reported in several areas where value of shipments does not provide a good measure of activity.

There is a *very important* distinction between the industry and product value of shipments. This

distinction is reflected at the four-digit level in industry tables (2 and 4 in Section I, 4 in Section II) and in product class tables (6 in Section I, 6 in Section II). For example, 1966 values of shipments for "Metal Cans" (SIC 3411) are shown in table 4 of Section II as \$2,631 million while in table 6 of that same section shipments appear as \$2,522 million. The difference is accounted for by the fact that the industry shipments are based on total shipments of establishments classified in an industry and therefore include not only shipments of primary products of that industry, but also shipments of other products and other receipts from contract work resales, etc. The product shipments represent only shipments of primary products, including those made by establishments not in the industry to which the products are primary.

IMPORTS: The dollar value shown for imports is defined ordinarily as the market value in the foreign country and excludes U.S. import duties, transportation, insurance and similar costs. In some cases, imports may be valued at the "American Selling Price." In practice, only the values reported for imports subject to an ad valorem rate of duty (approximately 10 to 15% of U.S. imports) tend to conform to this definition. For other imports, the reported values may inadvertently include ocean freight or related costs.

EXPORTS: The dollar value of exports is defined at the point of exportation. Included are the selling price, or cost if not sold, and expenditures for freight, insurance, and other costs to the exportation point.

SOURCES AND LIMITATIONS OF DATA

Sources

The statistical data in this publication are derived directly or indirectly from various Bureau of the Census publications.

All tables, except Section II, tables 7 and 8 are derived from the *Censuses of Manufactures* for 1958 and 1963 the *Annual Surveys of Manufactures* for 1959-62 and 1964-66.

Imports and exports shown in tables 7 and 8 of Section II are taken directly from a Census Bureau publication titled, *U.S. Commodity Exports and Imports as Related to Output*.

Methods of Compilation

Most of the data were collected as part of the *Census of Manufactures* and *Annual Surveys of Manufactures* programs. Data for 1958 and 1963, except foreign trade data, are based on reports covering all manufacturing establishments, and represent, therefore, the most accurate across-the-board information available on U.S. manufacturing activity. Data for 1959-62 and 1964-66

are estimates based upon reports received from a probability sample of all manufacturing establishments. The estimates obtained from the sample will vary from the totals that would have been obtained from a complete canvass of all manufacturing establishments. The relative magnitude of the sampling variation is indicated in the *Annual Survey of Manufactures* publications under the caption "standard error of estimate." These standard errors are not shown in this report. However, where the standard error of estimate is 15% or more for industry data, the figures are indicated as not available (n.a.) and in the case of product classes an asterisk (*) preceding the data is used to identify years in which the standard error is 15% or more.

In using the time series on industries or product classes, it is important to note that both the data in any given year other than 1958 or 1963 as well as the year-to-year changes will be influenced in part by sampling variability.

Import and export data may be affected in some commodity areas by the fact that low valuation transactions are not included. Commodity information is not collected for individual import and export shipments valued under \$100 or for imports on informal entries. Informal entries, by definition, contain only items valued at not more than \$250. This does not seriously understate the published data.

Another problem with foreign trade data arises from the fact that in many cases the classification and valuation of products to be imported or exported is done basically by the importer, exporter, or designated representatives. Inaccuracies, particularly with respect to export data, may occur through errors in classification.

Price Changes

In using time series based on dollar valuation, it should be remembered that none of the data have been adjusted for changes in prices. Therefore, the real growth in shipments of a given item during any period may be understated or overstated relative to other products or items.

Changes in Product Mix

Although the classification of industry and product statistics presented in this publication changed little during the period covered, there were some substantial shifts in the relative importance of products within industries or product classes. The characteristics of an industry may have changed substantially during the 1958-66 period as a result of such changes in the product mix. Related changes in types of processes or materials used may also significantly affect the meaningful comparison of an industry or product class over time. For analysis of changes in product mix, data on individual products are available on a continuing

basis for many products from the *Current Industrial Reports* series of the Bureau of the Census and for all products in years for which a complete *Census of Manufactures* is conducted.

Duplication in Shipments Data

The value of shipments data shown in this publication may contain extensive duplication, particularly at the two-digit SIC level. This occurs because the shipments of one four-digit industry (e.g., flour) become the "materials" of another four-digit industry (e.g., bakeries). At the two-digit SIC level the value of shipments of the flour is counted twice. This problem also occurs at the four-digit SIC and five-digit product class levels to a lesser extent. For example, when equipment and its component parts are classified as a unit, shipments of the parts by parts manufacturers to equipment manufacturers would be double-counted.

Growth Rankings

Tables 4, 6, and 7 of Section I present rankings of industries and product classes based on the growth in value of shipments between 1958 and 1966. These rankings should be used with caution for several reasons already mentioned, including sampling errors, price changes, etc. In addition, it should be noted that the rankings are not complete, because 1958 data were not available in some cases. For example, some of the rapidly growing plastics products are excluded from tables 6 and 7 in Section I for this reason.

Comparing Exports, Imports, and Shipments

Caution should be used in comparing product class shipments with imports and/or exports as reported in tables 6-8 of Section II. As mentioned earlier, the methods of valuation used are substantially different. Shipments are valued at f.o.b. plant, exports at f.o.b. port of exportation, and imports at f.o.b. foreign port of exportation. Other reasons for using caution in comparing shipments, exports and imports include:

- a. shipments as described above may include duplication that would overstate their value in relation to exports or imports.
- b. shipments in some areas are classified in not-specified-by-kind classes which can therefore understate shipments in other areas.
- c. shipments are subject to sampling variability in non-Census years and imports and particularly exports may be subject to error due to reporting procedures used.
- d. used commodities are included in exports and imports thereby slightly overstating these data relative to shipments.

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APRIL 1969

Foreword

Machinery and Electrical Equipment Manufacturing presents a statistical picture of economic developments in the machinery, except electrical, and electrical machinery industries, and some comparable data for other manufacturing industries, for the period 1958 to 1966. Data are from the Bureau of the Census.

The publication consists of: A descriptive introduction covering each of the two industry groups; two series of tables presenting basic statistical data for these industries; and an appendix that provides detailed descriptions of industries covered and explanatory notes on the sources and use of the data. The statistical data are presented in two parts. Section I data show the size and growth of the machinery, except electrical, and electrical machinery industries in relation to all manufacturing and to the largest and fastest growing manufacturing industries. Section II provides more detailed profiles of machinery, except electrical, and electrical machinery manufacturing, including data on geographic distribution, product shipments and growth rates, and foreign trade.

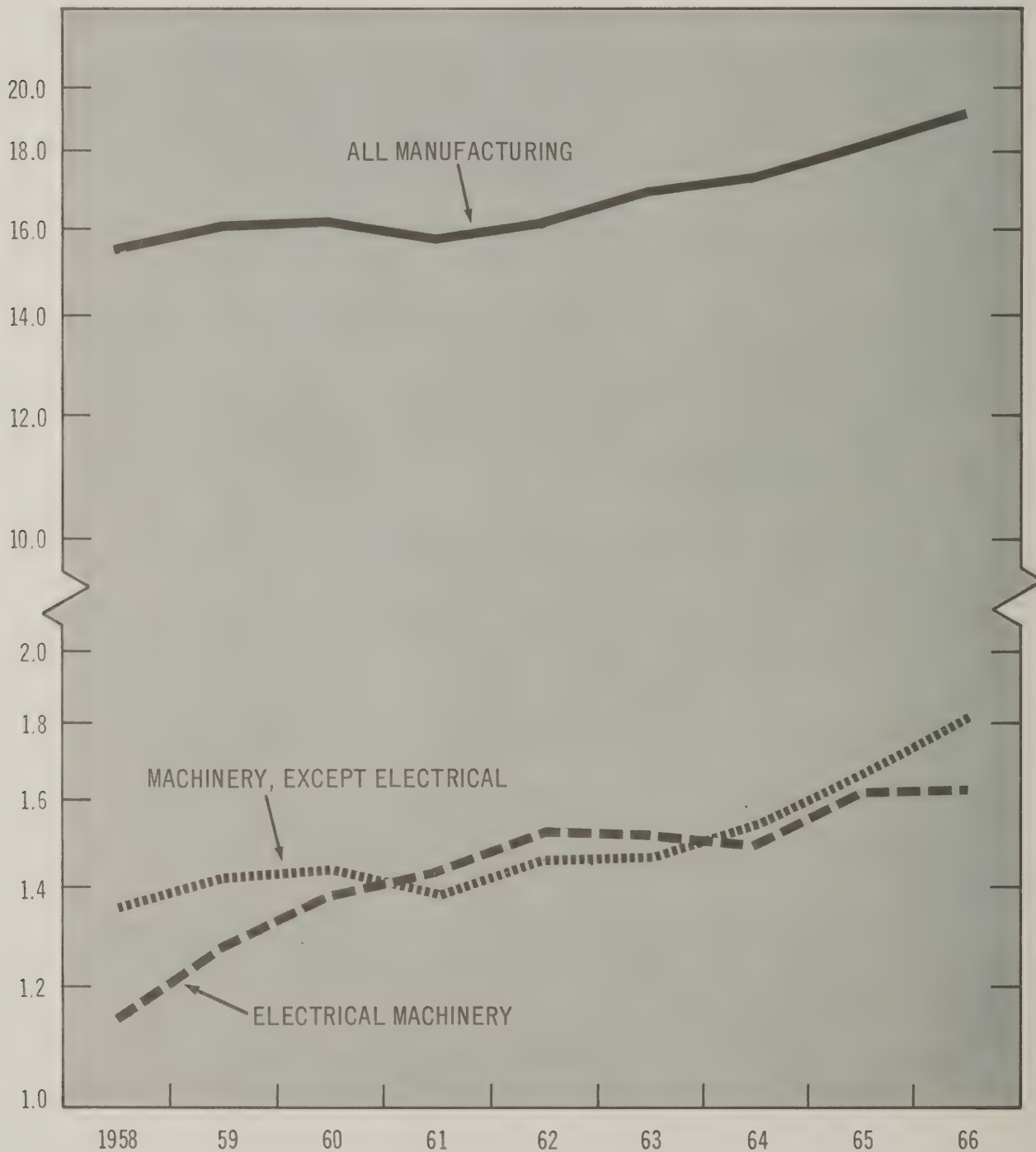
The Office of Industrial Analysis and Business Programs under Davis A. Portner, Assistant Administrator, BDSA, and Thomas E. Murphy, Program Assistant was responsible for the overall planning and preparation of the volume. Narrative and statistical materials were prepared under the supervision of David N. Cohen, Director; Richard Heimlich, Gloria Dickson and Dorothy Wagner of the Statistical Operations and Analysis Staff, and Renee Gallop of the Outlook and Business Briefing Reports Staff with the cooperation of the Automatic Data Processing Division under Raymond J. Long, Director, Robert Kraft and Frank Jaffe of Automatic Data Processing Division.

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EMPLOYMENT IN ALL MANUFACTURING, MACHINERY (EXCEPT ELECTRICAL) AND ELECTRICAL MACHINERY, 1958-1966

Number of Employees (Millions—Ratio scale)



TRENDS IN MACHINERY AND ELECTRICAL EQUIPMENT¹ MANUFACTURING

Place in the Economy

Machinery and electrical equipment manufacturing includes a wide variety of dissimilar products ranging from construction, farm, and metal-working machinery and equipment to electronic computing equipment, laundry and industrial refrigeration equipment, household appliances, and communication equipment. The volume of new machinery and electrical equipment purchases is directly related to general economic trends as well as the availability of capital funds.

From 1958 to 1966, machinery and electrical equipment manufacturing industries experienced an even higher rate of growth than all manufacturing. Value added in machinery and electrical equipment manufacturing more than doubled during this period while value added in all manufacturing rose 78%. Capital expenditures for machinery and electrical equipment manufacturing rose 167% from 1958 to 1966, reflecting a higher rate of capital investment than the 123% increase for all manufacturing. Similarly, employment in machinery and electrical equipment manufacturing increased 45% during these 8 years compared to a 24% rise in all manufacturing employment. Dependent upon activity in such major industries as automobiles, steel, and construction, major gains in machinery and electrical equipment manufacturing occurred between 1961 and 1966.

Shipments Reach New Highs in 1966

Shipments of machinery and electrical equipment rose sharply from 1958 to 1966—from \$42 billion to more than \$87 billion. Electrical machinery and equipment manufacturing accounted for approximately 46% of all such shipments in both 1958 and in 1966.

Of non-electrical machinery manufacturers, computing and related machines was the fastest

¹ Machinery and electrical equipment industries (SIC Major Groups 35 and 36) cover a broad range of establishments engaged in manufacturing machinery and equipment, excluding transportation equipment.

Major Group 35 includes the manufacture of industrial machinery and equipment powered by built-in or detachable motors. Major Group 36 includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy, including household appliances.

For more detailed industry definitions see Appendix 1.

growing segment with shipments rising from \$1.1 billion in 1958 to \$4.8 billion in 1966. Other major machinery manufacturing industries which more than doubled their shipments during this 8-year period include industrial trucks and tractors, metal cutting machine tools, machine tool accessories, metal forming machine tools, textile machinery, and ball and roller bearings.

In the electrical machinery and equipment group, shipments of electronic components and semiconductors more than tripled from 1958 to 1966, rising from \$1.4 billion to \$5.1 billion. Shipments of radio and TV communications equipment and radio and TV receiving sets—accounting for approximately 28% of all electrical machinery equipment shipments during 1966—almost tripled during this 8-year period, rising from \$4.4 billion to \$11.6 billion. With rising personal incomes, shipments of such household appliances as electric housewares and fans, vacuum cleaners, refrigerators, and household and cooking equipment also rose significantly.

Foreign Trade

Some 8% of machinery and electrical equipment shipments were exported in 1966. Value of exports in 1966 was \$7 billion, more than \$3 billion higher than in 1960. Construction and mining machinery and equipment exports accounted for approximately 16% of such exports in 1966, similar to the pattern of the previous 5 years.

Imports of machinery and electrical equipment rose even more sharply from 1960 to 1966, increasing from \$729 million to almost \$2.5 billion.

Capital Expenditures

Following a period of limited capital expenditures from 1958 to 1961, capital outlays in machinery and electrical manufacturing industries rose at an increasing rate during each of the next 5 years. Capital expenditures rose 5.6% in 1961-62; 8.1% in 1962-63; 14.8% in 1963-64; and 33% in 1964-65 and in 1965-66.

Increasingly, manufacturing involves processes conducted under conditions of speed, temperature, and pressure that require precise, automated equipment. Machines are continually being developed to ensure automatic handling of materials and

parts as they go through the production process. Companies in the electrical and electronic industries earmarked large funds for new plant and

equipment in the last few years in order to produce the variety of new products necessary to the industry's expansion.

Description of Tables

Section I.—Comparison With All Manufacturing

This section presents data that permit comparison of the machinery, except electrical, and electrical machinery industries with all manufacturing and with other manufacturing areas. There are seven tables.

Table I-1 presents general profiles of all manufacturing and of the two industry groups, SIC 35 and SIC 36 for the period 1958 to 1966. The table shows 13 basic data series related to employment, payrolls, man-hours, value added by manufacture, capital expenditures, and selected averages and ratios.

Tables I-2 and I-3, respectively, show the 50 largest industries in terms of shipments and employment in 1966. Tables I-4 and I-5, respectively, show the 50 fastest-growing industries between 1958 and 1966 in terms of shipments and employment. Machinery, except electrical, and electrical machinery industries are underscored in each table. The value of shipments used in table I-4 for computing growth ratios between 1958 and 1966 is not adjusted for changes in prices and product mix. Industries that have experienced decreases or rapid increase in prices during this period may be substantially under- or over-stated in terms of their growth relative to other industries. Also, data for industries that have undergone substantial changes in product mix due to technological changes, materials substitutions or similar factors, may be somewhat distorted.

Tables I-6 and I-7 trace product shipments for the 100 fastest-growing product groups and the 200 fastest-growing product classes, respectively. Once again, machinery, except electrical, and electrical machinery products are underscored. The product groups and classes are ranked according to 1966/1968 growth ratios. As with the industry growth ratios described above, the growth ratios shown for product shipments have not been adjusted for changes in price or product mix. Also, certain adjustments have been made in order to derive comparable data for the 9-year period. For cases in which more detailed product classes have been broken out only in recent years, the data are shown on a total basis. Another adjustment is made for products primary to more than one industry, so that product shipments will reflect total shipments of a product wherever made.

See Appendix 2 for a more detailed explanation

of these adjustments and more detailed definitions of terms used in Section I.

Section II.—Profiles of Machinery Manufacturing

This section presents detailed data on the machinery, except electrical, and electrical machinery industries.

Table II-1a presents machinery, except electrical, industry group data by state for the years 1958 and 1963 through 1965. Shipments data have been excluded because of the duplication in counting resulting from intermediate shipments between industries. Table II-1b presents similar data for electrical machinery.

In table II-2a and table II-2b, capital expenditures and ratios relating capital expenditures to value added and to production workers are shown for most states for the major industry groups 35 and 36. Data for 1958 and 1963, 1964, and 1965 are presented with totals shown for the 3-year period 1963-65.

Table II-3 shows the number of companies as well as the total number of establishments and those with 20 or more employees in the year 1963 for each four-digit industry.

Table II-4 presents general statistics and selected ratios for the four-digit industries included in major industry groups.

Table II-5 ranks all machinery, except electrical, and electrical machinery manufacturing industries by growth in value of shipments between 1958 and 1966. The same cautions given with respect to table I-4 should be heeded in using this table.

Table II-6 includes product shipments data and growth ratios for all four-digit product groups and five-digit product classes within the 35 and 36 groupings. The same limitations that applied to the product shipments data of Section I also apply here; growth ratios have not been adjusted for changes in price or product mix. And, as noted above and explained in Appendix 2, certain adjustments have been made in groupings and classes to derive comparable data for the 9-year period.

Tables II-7 and II-8 cover import and export data for the two-digit industry groups and all four-digit product groups and five-digit product classes for which import and export data are available.

For more detailed explanations of terms and methods used in compiling Section II tables, refer to Appendix 2.

Symbols

The key to symbols used in the tables is as follows:

n.a. Not available.
 n.c. Not computed.
 n.s.k. Not specified by kind.
 n.e.c. Not elsewhere classified.
 * Standard error of estimate of 15% or more.

**

Data not shown because four-digit group includes one or more products primary to more than one industry.

—

Data for this product class which is primary to more than one industry, have been aggregated with data for the other product classes with the same definition (see product description for reference).

Z

Less than \$500,000.

D

Withheld to avoid disclosure of activities of individual firms.

Section I.—Comparison With All Manufacturing

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, MACHINERY, EXCEPT ELECTRICAL, AND ELECTRICAL MACHINERY, 1958-66

| Year | ALL MANUFACTURING | | | | | | |
|-----------|-----------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 15,393.8 | 73,749.7 | 11,644.2 | 22,632.6 | 49,503.8 | 141,270.3 | 9,075.8 |
| 1959..... | 16,058.7 | 81,148.4 | 12,260.4 | 24,432.5 | 54,658.7 | 160,991.6 | 9,012.3 |
| 1960..... | 16,124.1 | 83,547.2 | 12,179.0 | 24,135.8 | 55,452.1 | 163,230.8 | 9,968.1 |
| 1961..... | 15,744.9 | 83,692.4 | 11,794.5 | 23,325.9 | 54,803.2 | 164,614.0 | 9,415.9 |
| 1962..... | 16,174.8 | 89,926.8 | 12,138.8 | 24,306.9 | 59,176.8 | 179,322.8 | 9,983.9 |
| 1963..... | 16,961.9 | 99,714.3 | 12,232.0 | 24,512.0 | 62,014.4 | 191,103.1 | 11,370.9 |
| 1964..... | 17,268.5 | 106,048.1 | 12,403.3 | 25,245.5 | 65,838.9 | 206,193.6 | 13,287.2 |
| 1965..... | 18,047.6 | 114,143.2 | 13,058.8 | 26,577.5 | 71,376.3 | 226,974.5 | 16,606.6 |
| 1966..... | 19,066.0 | 125,458.8 | 13,810.4 | 28,220.3 | 78,283.4 | 251,013.9 | 20,234.3 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 4,791 | 4,251 | 12,132 | 2.854 | 2.187 | 1,944 |
| 1959..... | 5,053 | 4,458 | 13,131 | 2,945 | 2.237 | 1,993 |
| 1960..... | 5,182 | 4,553 | 13,403 | 2,944 | 2.298 | 1,982 |
| 1961..... | 5,316 | 4,646 | 13,957 | 3,004 | 2.349 | 1,978 |
| 1962..... | 5,560 | 4,875 | 14,773 | 3.030 | 2.435 | 2,002 |
| 1963..... | 5,879 | 5,070 | 15,705 | 3.098 | 2.530 | 2,004 |
| 1964..... | 6,141 | 5,308 | 16,624 | 3.132 | 2.608 | 2,035 |
| 1965..... | 6,325 | 5,466 | 17,381 | 3,180 | 2.686 | 2,035 |
| 1966..... | 6,580 | 5,668 | 18,176 | 3.206 | 2.774 | 2,043 |

| Year | MACHINERY EXCEPT ELECTRICAL SIC 35 | | | | | | |
|-----------|------------------------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man-hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 1,350.3 | 7,314.3 | 956.2 | 1,855.7 | 4,654.1 | 12,414.1 | 669.6 |
| 1959..... | 1,414.2 | 8,202.6 | 1,022.4 | 2,061.8 | 5,309.6 | 14,582.3 | 606.9 |
| 1960..... | 1,426.4 | 8,481.8 | 1,014.0 | 2,045.3 | 5,397.6 | 14,410.3 | 700.6 |
| 1961..... | 1,382.4 | 8,405.1 | 984.2 | 1,960.6 | 5,247.5 | 14,240.1 | 658.0 |
| 1962..... | 1,451.3 | 9,201.8 | 1,035.3 | 2,100.6 | 5,825.3 | 16,106.0 | 717.9 |
| 1963..... | 1,457.4 | 9,583.4 | 1,041.9 | 2,148.9 | 6,179.8 | 17,356.7 | 763.8 |
| 1964..... | 1,538.6 | 10,606.9 | 1,108.7 | 2,327.3 | 6,892.3 | 20,302.4 | 939.4 |
| 1965..... | 1,652.8 | 11,741.8 | 1,195.9 | 2,515.1 | 7,659.6 | 22,762.0 | 1,228.4 |
| 1966..... | 1,804.3 | 13,473.9 | 1,310.2 | 2,796.5 | 8,846.4 | 27,041.0 | 1,658.3 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 5,417 | 4,867 | 12,982 | 2,667 | 2.508 | 1,941 |
| 1959..... | 5,800 | 5,193 | 14,263 | 2,746 | 2.575 | 2,017 |
| 1960..... | 5,946 | 5,323 | 14,211 | 2,670 | 2.639 | 2,017 |
| 1961..... | 6,080 | 5,332 | 14,469 | 2,714 | 2.676 | 1,992 |
| 1962..... | 6,340 | 5,627 | 15,557 | 2,765 | 2.773 | 2,029 |
| 1963..... | 6,576 | 5,931 | 16,659 | 2,809 | 2.876 | 2,062 |
| 1964..... | 6,894 | 6,216 | 18,312 | 2,946 | 2.962 | 2,099 |
| 1965..... | 7,104 | 6,405 | 19,033 | 2,972 | 3.045 | 2,103 |
| 1966..... | 7,468 | 6,752 | 20,639 | 3,057 | 3.163 | 2,134 |

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, MACHINERY, EXCEPT ELECTRICAL, AND ELECTRICAL MACHINERY, 1958-66--Con.

| Year | ELECTRICAL MACHINERY, SIC 36 | | | | | | |
|-----------|------------------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 1,140.8 | 5,755.2 | 817.0 | 1,605.8 | 3,557.6 | 10,624.3 | 468.0 |
| 1959..... | 1,274.1 | 6,751.6 | 926.7 | 1,854.7 | 4,195.9 | 12,825.8 | 553.8 |
| 1960..... | 1,376.6 | 7,515.4 | 962.0 | 1,932.0 | 4,465.5 | 13,484.2 | 636.8 |
| 1961..... | 1,432.1 | 8,207.4 | 969.8 | 1,950.6 | 4,680.8 | 14,433.0 | 639.1 |
| 1962..... | 1,523.4 | 9,083.4 | 1,046.0 | 2,120.9 | 5,317.7 | 16,416.4 | 652.7 |
| 1963..... | 1,510.8 | 9,284.4 | 1,047.2 | 2,091.6 | 5,384.7 | 16,936.5 | 718.1 |
| 1964..... | 1,483.8 | 9,407.3 | 1,029.9 | 2,070.2 | 5,568.9 | 17,765.4 | 761.3 |
| 1965..... | 1,607.0 | 10,474.1 | 1,118.2 | 2,316.2 | 6,238.8 | 20,256.4 | 1,046.8 |
| 1966..... | 1,814.3 | 11,988.1 | 1,298.3 | 2,648.3 | 7,249.3 | 23,543.9 | 1,381.9 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 5,045 | 4,354 | 13,004 | 2.986 | 2.215 | 1,965 |
| 1959..... | 5,299 | 4,528 | 13,840 | 3.057 | 2.262 | 2,001 |
| 1960..... | 5,459 | 4,642 | 14,017 | 3.020 | 2.311 | 2,008 |
| 1961..... | 5,731 | 4,827 | 14,882 | 3.083 | 2.400 | 2,011 |
| 1962..... | 5,963 | 5,084 | 15,694 | 3.087 | 2.507 | 2,028 |
| 1963..... | 6,145 | 5,142 | 16,173 | 3.147 | 2.574 | 1,997 |
| 1964..... | 6,340 | 5,407 | 17,250 | 3.190 | 2.690 | 2,010 |
| 1965..... | 6,518 | 5,579 | 18,115 | 3.214 | 2.694 | 2,071 |
| 1966..... | 6,608 | 5,584 | 18,134 | 3.248 | 2.737 | 2,040 |

Table I-2.--FIFTY LARGEST INDUSTRIES, RANKED BY 1966 VALUE OF SHIPMENTS*

| SIC code | Description | 1966 value of shipments (millions of dollars) |
|----------|---|--|
| 3717 | Motor Vehicles and Parts..... | 45,630 |
| 3312 | Blast Furnaces and Steel Mills..... | 21,193 |
| 2911 | Petroleum Refining..... | 18,742 |
| 2011 | Meat Packing Plants..... | 15,069 |
| 3721 | Aircraft..... | 9,000 |
| 3662 | Radio, TV Communication Equipment..... | 7,563 |
| 2026 | Fluid Milk..... | 7,435 |
| 2818 | Organic Chemicals, n.e.c..... | 6,541 |
| 275X | Commercial Printing Except Engraving..... | 5,994 |
| 2711 | Newspapers..... | 5,520 |
| 2051 | Bread and Related Products..... | 5,007 |
| 3571 | Computing and Related Machines..... | 4,833 |
| 2621 | Paper Mills, Except Building..... | 4,805 |
| 3079 | Plastics Products, n.e.c..... | 4,658 |
| 3722 | Aircraft Engines and Parts..... | 4,572 |
| 2042 | Prepared Animal Feeds..... | 4,438 |
| 2834 | Pharmaceutical Preparations..... | 4,432 |
| 3522 | Farm Machinery and Equipment..... | 4,332 |
| 3651 | Radio and TV Receiving Sets..... | 4,092 |
| 3679 | Electronic Components..... | 4,002 |
| 2819 | Inorganic Chemicals, n.e.c..... | 3,845 |
| 3729 | Aircraft Equipment, n.e.c..... | 3,781 |
| 3531 | Construction Machinery..... | 3,768 |
| 1925 | Complete Guided Missiles..... | 3,767 |
| 3461 | Metal Stampings..... | 3,756 |
| 3011 | Tires and Inner Tubes..... | 3,716 |
| 3357 | Nonferrous Wire Drawing, etc..... | 3,711 |
| 2211 | Weaving Mills, Cotton..... | 3,562 |
| 2821 | Plastics Materials and Resins..... | 3,533 |
| 2421 | Sawmills and Planning Mills..... | 3,391 |
| 3861 | Photographic Equipment..... | 3,286 |
| 2033 | Canned Fruits and Vegetables..... | 3,216 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 3,139 |
| 3352 | Aluminum Rolling and Drawing..... | 3,100 |
| 2850 | Paints and Allied Products..... | 2,970 |
| 282X | Man-Made Fibers..... | 2,916 |
| 2653 | Corrugated Shipping Containers..... | 2,891 |
| 3599 | Miscellaneous Machinery..... | 2,865 |
| 2111 | Cigarettes..... | 2,860 |
| 2631 | Paperboard Mills..... | 2,853 |
| 3351 | Copper Rolling and Drawing..... | 2,846 |
| 2015 | Poultry Dressing Plants..... | 2,754 |
| 2086 | Bottled and Canned Soft Drinks..... | 2,735 |
| 3321 | Gray Iron Foundries..... | 2,728 |
| 2721 | Periodicals..... | 2,718 |
| 3585 | Refrigeration Machinery..... | 2,713 |
| 2082 | Malt Liquors..... | 2,700 |
| 3141 | Footwear, Except Rubber..... | 2,650 |
| 3411 | Metal Cans..... | 2,631 |
| 3441 | Fabricated Structural Steel..... | 2,602 |

*Machinery, except electrical, and electrical machinery, industries are underscored.

Table I-3.--FIFTY LARGEST INDUSTRIES, RANKED BY 1966 EMPLOYMENT*

| SIC code | Description | 1966 employment (thousands) |
|-------------|---|--------------------------------|
| 3717 | Motor Vehicles and Parts..... | 799 |
| 3312 | Blast Furnaces and Steel Mills..... | 559 |
| 3662 | Radio, TV Communication Equipment..... | 377 |
| 3721 | Aircraft..... | 357 |
| 2711 | Newspapers..... | 333 |
| 275X | Commercial Printing Except Engraving..... | 326 |
| 3679 | Electronic Components..... | 234 |
| 2051 | Bread and Related Products..... | 232 |
| 3079 | Plastics Products, n.e.c..... | 224 |
| 2211 | Weaving Mills, Cotton..... | 209 |
| 3141 | Footwear, Except Rubber..... | 206 |
| 2421 | Sawmills and Planing Mills..... | 195 |
| 2335 | Dresses, Womens and Misses..... | 192 |
| 3729 | Aircraft Equipment, n.e.c..... | 190 |
| 3722 | Aircraft Engines and Parts..... | 188 |
| 2011 | Meat Packing Plants..... | 174 |
| 2026 | Fluid Milk..... | 169 |
| 3461 | Metal Stampings..... | 164 |
| 3599 | Miscellaneous Machinery..... | 164 |
| 1925 | Complete Guided Missiles..... | 164 |
| 2511 | Wood Furniture Not Upholstered..... | 160 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 144 |
| 3321 | Gray Iron Foundries..... | 141 |
| 3522 | Farm Machinery and Equipment..... | 137 |
| 3571 | Computing and Related Machines..... | 136 |
| 3731 | Ship Building and Repairing..... | 135 |
| 2621 | Paper Mills, Except Building..... | 135 |
| 2311 | Mens and Boys Suits and Coats..... | 134 |
| 3651 | Radio and TV Receiving Sets..... | 130 |
| 3531 | Construction Machinery..... | 121 |
| 3544 | Special Dies and Tools..... | 120 |
| 2086 | Bottled and Canned Soft Drinks..... | 118 |
| 2321 | Mens Dress Shirts and Nightwear..... | 113 |
| 3661 | Telephone Telegraph Apparatus..... | 113 |
| 3621 | Motors and Generators..... | 112 |
| 2911 | Petroleum Refining..... | 107 |
| 3429 | Hardware, n.e.c..... | 103 |
| 2221 | Weaving Mills, Synthetics..... | 103 |
| 2033 | Canned Fruits and Vegetables..... | 101 |
| 2834 | Pharmaceutical Preparations..... | 98 |
| 3441 | Fabricated Structural Steel..... | 97 |
| 225X | Hosiery..... | 96 |
| 2653 | Corrugated Shipping Containers..... | 96 |
| 2818 | Organic Chemicals, n.e.c..... | 96 |
| 2337 | Womens Suits, Coats and Skirts..... | 95 |
| 282X | Man-Made Fibers..... | 93 |
| 3011 | Tires and Inner Tubes..... | 93 |
| 3494 | Valves and Pipe Fittings..... | 92 |
| 2327 | Separate Trousers..... | 91 |
| 3443 | Boiler Shop Products..... | 91 |

*Machinery, except electrical, and electrical machinery industries are underscored.

Table I-4.--FIFTY FASTEST GROWING INDUSTRIES, RANKED BY 1958-66 SHIPMENTS GROWTH*

| SIC code | Title | Value of shipments (millions of dollars) | | Ratio 1966/1958 |
|-------------|--|---|-------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 138 | 803 | 5.80 |
| 3672 | Cathode Ray Picture Tubes..... | 159 | 812 | 5.10 |
| 3674 | Semiconductors..... | 250 | 1,124 | 4.49 |
| 3571 | Computing and Related Machines..... | 1,104 | 4,833 | 4.38 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c..... | 200 | 829 | 4.15 |
| 2272 | Tufted Carpets and Rugs..... | 318 | 1,206 | 3.80 |
| 1951 | Small Arms, 30 mm. and Under..... | 79 | 274 | 3.46 |
| 3679 | Electronic Components..... | 1,195 | 4,002 | 3.35 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 97 | 321 | 3.33 |
| 3831 | Optical Instruments and Lenses..... | 103 | 332 | 3.23 |
| 3392 | Nonferrous Forgings..... | 99 | 311 | 3.16 |
| 3742 | Railroad and Street Cars..... | 562 | 1,696 | 3.02 |
| 3537 | Industrial Trucks and Tractors..... | 369 | 792 | 2.94 |
| 3399 | Primary Metal Industries, n.e.c..... | 141 | 399 | 2.83 |
| 1961 | Small Arms Ammunition..... | 167 | 468 | 2.79 |
| 3841 | Surgical and Medical Instruments..... | 130 | 360 | 2.76 |
| 3861 | Photographic Equipment..... | 1,205 | 3,286 | 2.73 |
| 3953 | Marking Devices..... | 60 | 162 | 2.71 |
| 3541 | Metal-Cutting Machine Tools..... | 680 | 1,826 | 2.69 |
| 3662 | Radio, TV Communications Equipment..... | 2,853 | 7,563 | 2.65 |
| 3651 | Radio and TV Receiving Sets..... | 1,548 | 4,092 | 2.64 |
| 2262 | Finishing Plants, Synthetic..... | 211 | 550 | 2.61 |
| 2519 | Household Furniture, n.e.c..... | 31 | 78 | 2.55 |
| 3622 | Industrial Controls..... | 413 | 1,049 | 2.54 |
| 3357 | Nonferrous Wire Drawing, etc..... | 1,466 | 3,711 | 2.53 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 95 | 240 | 2.53 |
| 2282 | Throwing and Winding Mills..... | 175 | 438 | 2.51 |
| 3799 | Transportation Equipment, n.e.c..... | 93 | 232 | 2.50 |
| 3499 | Fabricated Metal Products, n.e.c..... | 340 | 850 | 2.50 |
| 3079 | Plastics Products, n.e.c..... | 1,868 | 4,658 | 2.49 |
| 2295 | Coated Fabric, Not Rubberized..... | 247 | 595 | 2.41 |
| 3545 | Machine Tool Accessories..... | 511 | 1,230 | 2.41 |
| 3479 | Metal Coating, Engraving, etc..... | 196 | 469 | 2.39 |
| 3715 | Truck Trailers..... | 335 | 796 | 2.38 |
| 3565 | Industrial Patterns..... | 98 | 233 | 2.37 |
| 3536 | Hoists, Cranes and Monorails..... | 185 | 437 | 2.37 |
| 3791 | Trailer Coaches..... | 461 | 1,089 | 2.36 |
| 3341 | Secondary Nonferrous Metals..... | 724 | 1,709 | 2.36 |
| 3351 | Copper Rolling and Drawing..... | 1,210 | 2,846 | 2.35 |
| 2256 | Knit Fabric Mills..... | 487 | 1,144 | 2.35 |
| 3713 | Truck and Bus Bodies..... | 308 | 719 | 2.33 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c.)..... | 245 | 571 | 2.33 |
| 2327 | Separate Trousers..... | 452 | 1,042 | 2.30 |
| 2844 | Toilet Preparations..... | 1,059 | 2,431 | 2.29 |
| 3542 | Metal-Forming Machine Tools..... | 318 | 728 | 2.29 |
| 3559 | Special Industry Machinery, n.e.c..... | 761 | 1,731 | 2.27 |
| 3572 | Typewriters..... | 238 | 534 | 2.24 |
| 3569 | General Industry Machinery, n.e.c..... | 458 | 1,024 | 2.23 |
| 3451 | Metal Coating, Engraving, etc..... | 425 | 949 | 2.23 |
| 3694 | Engine Electrical Equipment..... | 607 | 1,342 | 2.21 |

*Machinery, except electrical, and electrical machinery, industries are underscored.

Table I-5.--FIFTY FASTEST GROWING INDUSTRIES, RANKED BY 1958-66 EMPLOYMENT GROWTH*

| SIC code | Title | Total employment (thousands) | | Ratio 1966/1958 |
|-------------|---|---------------------------------|------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 11 | 42 | 3.75 |
| 3674 | Semiconductors..... | 23 | 82 | 3.52 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c..... | 16 | 46 | 2.98 |
| 3672 | Cathode Ray Picture Tubes..... | 9 | 25 | 2.89 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 3 | 7 | 2.74 |
| 2272 | Tufted Carpets and Rugs..... | 12 | 28 | 2.45 |
| 3662 | Radio, TV Communications Equipment..... | 154 | 377 | 2.44 |
| 3831 | Optical Instruments and Lenses..... | 7 | 17 | 2.43 |
| 3679 | Electronic Components..... | 109 | 234 | 2.15 |
| 1961 | Small Arms Ammunition..... | 9 | 19 | 2.12 |
| 2519 | Household Furniture, n.e.c..... | 2 | 5 | 2.09 |
| 3791 | Trailer Coaches..... | 19 | 39 | 2.06 |
| 3392 | Nonferrous Forgings..... | 5 | 10 | 2.06 |
| 3799 | Transportation Equipment, n.e.c..... | 5 | 9 | 1.99 |
| 3651 | Radio and TV Receiving Sets..... | 67 | 130 | 1.96 |
| 3079 | Plastics Products, n.e.c..... | 116 | 224 | 1.93 |
| 1951 | Small Arms, 30 mm. and Under..... | 8 | 15 | 1.92 |
| 3499 | Fabricated Metal Products, n.e.c..... | 20 | 37 | 1.85 |
| 3399 | Primary Metal Industries, n.e.c..... | 10 | 18 | 1.83 |
| 3742 | Railroad and Street Cars..... | 24 | 44 | 1.80 |
| 3715 | Truck Trailers..... | 16 | 28 | 1.79 |
| 3537 | Industrial Trucks and Tractors..... | 15 | 26 | 1.78 |
| 2327 | Separate Trousers..... | 52 | 91 | 1.76 |
| 2256 | Knit Fabric Mills..... | 18 | 32 | 1.74 |
| 2295 | Coated Fabric, Not Rubberized..... | 10 | 18 | 1.74 |
| 3536 | Hoists, Cranes and Monorails..... | 10 | 16 | 1.73 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c.....) | 12 | 20 | 1.73 |
| 3841 | Surgical and Medical Instruments..... | 10 | 18 | 1.71 |
| 3622 | Industrial Controls..... | 27 | 46 | 1.69 |
| 3571 | Computing and Related Machines..... | 81 | 136 | 1.68 |
| 2391 | Curtains and Draperies..... | 16 | 27 | 1.63 |
| 3699 | Electrical Products, n.e.c..... | 10 | 17 | 1.62 |
| 3479 | Metal Coating, Engraving, etc..... | 16 | 25 | 1.61 |
| 3953 | Marking Devices..... | 5 | 9 | 1.60 |
| 2843 | Surface Active Agents..... | 3 | 5 | 1.60 |
| 2892 | Explosives..... | 15 | 24 | 1.60 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 5 | 8 | 1.59 |
| 2399 | Textile Products, n.e.c..... | 18 | 28 | 1.58 |
| 3713 | Truck and Bus Bodies..... | 20 | 32 | 1.58 |
| 2037 | Frozen Fruits and Vegetables..... | 40 | 62 | 1.58 |
| 3497 | Metal Foil and Leaf..... | 4 | 5 | 1.56 |
| 2646 | Pressed and Molded Pulp Goods..... | 4 | 7 | 1.56 |
| 3931 | Musical Instruments and Parts..... | 16 | 25 | 1.56 |
| 3316 | Cold Finishing of Steel Shapes..... | 11 | 17 | 1.55 |
| 2339 | Women's Outerwear, n.e.c..... | 44 | 68 | 1.55 |
| 3872 | Watchcases..... | 3 | 4 | 1.54 |
| 2262 | Finishing Plants, Synthetic..... | 16 | 25 | 1.54 |
| 3635 | Household Vacuum Cleaners..... | 5 | 8 | 1.54 |
| 3634 | Electrical Housewares and Fans..... | 29 | 45 | 1.53 |
| 282X | Man-Made Fibers (Includes: 2823 Cellulosic Man-Made Fibers and 2824 Synthetic Organic Fibers, Except Cellulosic)..... | 61 | 93 | 1.52 |

*Machinery, except electrical, and electrical machinery industries are underscored.

Table I-6.--ONE HUNDRED FASTEST GROWING PRODUCTS GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|------|---|-----------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 3674 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 2 | 3672 | Cathode Ray Picture Tubes, Including Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 3 | 3571 | Computing and Related Machines..... | 1,034 | 4,156 | 4.02 |
| 4 | 3679 | Electronic Components, n.e.c..... | 1,298 | 4,808 | 3.71 |
| 5 | 2272 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 6 | 3742 | Railroad and Street Cars..... | 529 | 1,658 | 3.14 |
| 7 | 3831 | Optical Instruments and Lenses..... | 115 | 361 | 3.12 |
| 8 | 3841 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 9 | 1961 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 10 | 1951 | Small Arms, 30 mm and Under..... | 86 | 247 | 2.88 |
| 11 | 3541 | Metal-Cutting Machine Tools..... | 587 | 1,639 | 2.79 |
| 12 | 3537 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 13 | 3399 | Primary Metal Products, n.e.c..... | 150 | 408 | 2.71 |
| 14 | 3715 | Truck Trailers..... | 284 | 770 | 2.71 |
| 15 | 3861 | Photographic Equipment..... | 1,061 | 2,831 | 2.67 |
| 16 | 3651 | Radio and TV Receiving Sets..... | 1,482 | 3,875 | 2.62 |
| 17 | 3799 | Transportation Equipment, n.e.c..... | 100 | 260 | 2.60 |
| 18 | 2824 | Noncellulosic Organic Fibers..... | 748 | 1,939 | 2.59 |
| 19 | 3351 | Copper Rolling and Drawing Products..... | 1,034 | 2,655 | 2.57 |
| 20 | 2282 | Thrown and Wound Yarns, Excluding Wool..... | 199 | 504 | 2.54 |
| 21 | 3499 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 22 | 3392 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 23 | 3497 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 24 | 3545 | Machine Tool Accessories..... | 470 | 1,177 | 2.50 |
| 25 | 3479 | Metal Coating, Engraving and Allied Services, n.e.c..... | 184 | 447 | 2.43 |
| 26 | 3542 | Metal-Forming Machine Tools..... | 283 | 680 | 2.41 |
| 27 | 3552 | Textile Machinery..... | 322 | 776 | 2.41 |
| 28 | 1925 | Complete Guided Missiles..... | 1,887 | 4,509 | 2.39 |
| 29 | 2295 | Coated Fabric, Not Rubberized..... | 245 | 582 | 2.37 |
| 30 | 2256 | Knit Fabrics..... | 462 | 1,092 | 2.36 |
| 31 | 3451 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 32 | 3559 | Special Industry Machines, n.e.c..... | 726 | 1,700 | 2.34 |
| 33 | 3953 | Hand Stamps, Stencils and Other Marking Devices..... | 59 | 137 | 2.33 |
| 34 | 3751 | Bicycles, Motorcycles, Motorbikes, Scooters, and Parts.. | 106 | 245 | 2.31 |
| 35 | 3361 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 36 | 3589 | Service Industry Machines, n.e.c..... | 222 | 510 | 2.30 |
| 37 | 3572 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 38 | 2844 | Toilet Preparations..... | 1,126 | 2,545 | 2.26 |
| 39 | 3713 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 40 | 2655 | Fiber Cans, Tubes, Drums, etc..... | 189 | 424 | 2.24 |
| 41 | 3622 | General Industry Power Circuit Devices and Controls..... | 447 | 1,002 | 2.24 |
| 42 | 3717 | Motor Vehicles and Parts..... | 19,863 | 44,579 | 2.24 |
| 43 | 3322 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 44 | 3536 | Hoists, Cranes and Monorails..... | 166 | 360 | 2.18 |
| 45 | 3585 | Refrigeration Machinery..... | 1,435 | 3,130 | 2.18 |
| 46 | 3323 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 47 | 3693 | X-Ray Equipment, Including X-Ray Tubes and Electrothera- peutic Apparatus..... | 73 | 156 | 2.13 |
| 48 | 2761 | Manifold Business Forms..... | 374 | 794 | 2.12 |
| 49 | 2385 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 50 | 2522 | Metal Office Furniture..... | 273 | 572 | 2.09 |
| 51 | 3562 | Ball and Roller Bearings..... | 637 | 1,331 | 2.09 |
| 52 | 2327 | Men's, Youths' and Boys' Separate Trousers, Excluding Work..... | 436 | 906 | 2.08 |
| 53 | 3362 | Copper and Copper-Base Alloy Castings..... | 223 | 464 | 2.08 |
| 54 | 3229 | Pressed and Blown Glass n.e.c..... | 448 | 928 | 2.07 |
| 55 | 2731 | Books, Publishing and Printing..... | 1,011 | 2,081 | 2.06 |

See footnote at end of table.

Table I-6--ONE HUNDRED FASTEST GROWING PRODUCTS GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 56 | 3623 | Electric Welding Apparatus..... | 233 | 481 | 2.06 |
| 57 | 2753 | Engraving and Plate Printing..... | 94 | 192 | 2.05 |
| 58 | 3291 | Abrasive Products..... | 400 | 818 | 2.05 |
| 59 | 3566 | Power Transmission Equipment..... | 623 | 1,274 | 2.05 |
| 60 | 3569 | General Industrial Machines, n.e.c..... | 467 | 960 | 2.05 |
| 61 | 3871 | Watches and Clocks..... | 292 | 592 | 2.03 |
| 62 | 3565 | Industrial Patterns, Excluding Shoe..... | 121 | 244 | 2.02 |
| 63 | 3581 | Automatic Vending Machines..... | 131 | 264 | 2.02 |
| 64 | 3911 | Jewelry, Precious Metal..... | 287 | 580 | 2.02 |
| 65 | 2037 | Frozen Fruits, Fruit Juices, Vegetables and Specialties | 916 | 1,842 | 2.01 |
| 66 | 2519 | Household Furniture, n.e.c..... | 35 | 71 | 2.01 |
| 67 | 3299 | Other Nonmetallic Mineral Products, n.e.c..... | 54 | 108 | 2.01 |
| 68 | 3369 | Nonferrous castings, n.e.c..... | 233 | 468 | 2.01 |
| 69 | 3555 | Printing Trades Machinery..... | 273 | 550 | 2.01 |
| 70 | 3264 | Porcelain Electrical Supplies..... | 91 | 181 | 1.99 |
| 71 | 3629 | Electric Industrial Goods, n.e.c..... | 213 | 423 | 1.99 |
| 72 | 2752 | Printing, Lithographic..... | 1,366 | 2,702 | 1.98 |
| 73 | 3599 | Carburetors, Pistons, and Other Machine Shop Products... | 1,118 | 2,217 | 1.98 |
| 74 | 3471 | Electroplating, Plating and Polishing..... | 350 | 688 | 1.97 |
| 75 | 3661 | Telephone and Telegraph Apparatus..... | 1,079 | 2,125 | 1.97 |
| 76 | 2061 | Sugar Cane Mill Products and Byproducts..... | 159 | 310 | 1.96 |
| 77 | 2732 | Book Printing..... | 423 | 828 | 1.96 |
| 78 | 3634 | Electric Housewares and Fans..... | 544 | 1,068 | 1.96 |
| 79 | 3941 | Games and Toys, Excluding Dolls and Children's Vehicles | 522 | 1,023 | 1.96 |
| 80 | 2394 | Canvas Products..... | 114 | 223 | 1.95 |
| 81 | 2521 | Wood Office Furniture..... | 71 | 138 | 1.95 |
| 82 | 2879 | Agricultural Pesticides, and Other Agr. Chemicals..... | 348 | 673 | 1.94 |
| 83 | 3692 | Primary Batteries, Dry and Wet..... | 136 | 264 | 1.94 |
| 84 | 2818 | Organic Chemicals, n.e.c..... | 2,787 | 5,366 | 1.93 |
| 85 | 3531 | Construction Machinery..... | 1,996 | 3,829 | 1.92 |
| 86 | 3694 | Engine Electrical Equipment..... | 587 | 1,124 | 1.92 |
| 87 | 2815 | Intermediate Coal Tar Products..... | 788 | 1,509 | 1.91 |
| 88 | 3535 | Conveyors..... | 334 | 639 | 1.91 |
| 89 | 3544 | Special Dies and Tools..... | 1,320 | 2,520 | 1.91 |
| 90 | 2432 | Veneer and Plywood..... | 836 | 1,590 | 1.90 |
| 91 | 3532 | Mining Machinery and Equipment..... | 275 | 524 | 1.90 |
| 92 | 3452 | Bolts, Nuts, Washers and Rivets..... | 859 | 1,623 | 1.89 |
| 93 | 3582 | Commercial Laundry Equipment..... | 107 | 202 | 1.89 |
| 94 | 2087 | Flavorings..... | 523 | 981 | 1.88 |
| 95 | 2645 | Die-Cut Paper and Board..... | 165 | 497 | 1.88 |
| 96 | 2813 | Industrial Gases..... | 263 | 494 | 1.88 |
| 97 | 3576 | Scales and Balances..... | 71 | 134 | 1.88 |
| 98 | 3642 | Lighting Fixtures..... | 765 | 1,438 | 1.88 |
| 99 | 3519 | Internal Combustion Engines..... | 1,133 | 2,114 | 1.87 |
| 100 | 3567 | Industrial Furnaces and Ovens..... | 185 | 347 | 1.87 |

*Machinery, except electrical, and electrical machinery industries are underscored.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 38612 | Photocopying, Microfilming, Blueprinting, Vandyke, and White Printing Equipment..... | 58 | 549 | 9.53 |
| 2 | 33992 | Nonferrous Nails, Brads, Tacks and Staples..... | 2 | 19 | 9.26 |
| 3 | 30792 | Foamed Plastic Products..... | 54 | 398 | 7.36 |
| 4 | 35593 | Plastics-Working Machinery and Equipment, Excluding Patterns and Molds..... | 51 | 265 | 5.21 |
| 5 | 24993 | Particle Board..... | 17 | 90 | 5.17 |
| 6 | 3717A | Combat Vehicles and Motor Vehicle and Parts, n.s.k. (Including 37174 and 37170)..... | 65 | 317 | 4.86 |
| 7 | 36795 | Other Electronic Components and Accessories, n.e.c.... | 685 | 3,275 | 4.78 |
| 8 | 24324 | Nonwood Face Plywood and Other Plywood Type Products, Except Particle Wood..... | 27 | 127 | 4.65 |
| 9 | 36622 | Radio and Television Broadcast Equipment and Closed Circuit Systems..... | 76 | 353 | 4.62 |
| 10 | 37323 | All Other Boats..... | 15 | 70 | 4.53 |
| 11 | 36740 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 12 | 36720 | Cathode Ray Picture Tubes, Including Rebuilt Tubes.... | 177 | 774 | 4.37 |
| 13 | 24992 | Pallets and Skids..... | 43 | 188 | 4.35 |
| 14 | 38618 | Prepared Photographic Chemicals..... | 36 | 153 | 4.26 |
| 15 | 35485 | Other Metalworking Machinery..... | 18 | 67 | 3.80 |
| 16 | 37991 | Automobile Trailers, Excluding Housing Type Coaches... | 23 | 86 | 3.80 |
| 17 | 34913 | All Other Barrels, Including Beer Barrels and Fluid Milk Shipping Containers..... | 15 | *54 | *3.70 |
| 18 | 35412 | Drilling Machines..... | 30 | 111 | 3.68 |
| 19 | 22720 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 20 | 2221V | Finished Man-Made Fiber and Silk Broad-Woven Fabrics (Including 22218 and 22628)..... | 158 | 550 | 3.49 |
| 21 | 22533 | All Other Knit Outerwear Products, n.e.c..... | 69 | 239 | 3.48 |
| 22 | 36621 | Commercial, Industrial, and Military Electronic Communication Equipment..... | 416 | 1,446 | 3.48 |
| 23 | 35422 | Presses, Including Forging Presses..... | 77 | 266 | 3.47 |
| 24 | 36793 | Resistors For Electronic Applications..... | 147 | 493 | 3.36 |
| 25 | 37314 | Ship Repair, U.S. Military..... | 124 | 413 | 3.33 |
| 26 | 28442 | Perfumes, Toilet Water, and Colognes..... | 103 | 341 | 3.29 |
| 27 | 34944 | Other Valves and Fittings, Excluding Plumbers' Brass Goods and Fittings..... | 152 | 494 | 3.26 |
| 28 | 35418 | Other Machine Tools (Including Those Designed for Home, Workshops, Laboratories, etc.)..... | 98 | 320 | 3.26 |
| 29 | 36512 | Household Television Receivers, Including Television Combinations..... | 727 | 2,357 | 3.24 |
| 30 | 33991 | Metal Powders and Paste..... | 55 | 178 | 3.23 |
| 31 | 3742A | Freight Train Cars, New Street Cars, and Parts (Including 37422 and 37423)..... | 516 | 1,649 | 3.20 |
| 32 | 35592 | Foundry Machinery and Equipment, Excluding Patterns and Molds..... | 53 | 168 | 3.19 |
| 33 | 27521 | Magazines and Periodicals..... | 66 | 210 | 3.17 |
| 34 | 35521 | Textile Machinery..... | 144 | 451 | 3.14 |
| 35 | 27523 | Catalogs and Directories..... | 76 | 233 | 3.09 |
| 36 | 35415 | Lathes, Metal Cutting..... | 99 | 303 | 3.07 |
| 37 | 38410 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 38 | 2282A | Thrown and Textured, Crimped or Bulked Filament Yarns, Including Stretch Yarns (Including 22823 and 22824).. | 121 | 368 | 3.04 |
| 39 | 28184 | Pesticides and Other Organic Agricultural Chemicals (Not Formulations)..... | 96 | 293 | 3.04 |
| 40 | 37413 | Parts for Locomotives and Rebuilt Locomotives..... | 135 | 407 | 3.01 |
| 41 | 19610 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 42 | 27527 | Lithographic Plates Made for Others..... | 68 | 203 | 2.99 |
| 43 | 33511 | Copper and Copper-Base Alloy Wire (Bare and Tinned) for Purposes Other than Electrical Transmission..... | 48 | 143 | 2.98 |

see footnote at end of table

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-1966 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 44 | 35419 | Parts for Metal Cutting Type Machine Tools Sold Separately and Rebuilt Machine Tools..... | 89 | 260 | 2.93 |
| 45 | 23963 | Other Trimmings and Findings..... | 56 | 163 | 2.92 |
| 46 | 33572 | Copper and Copper-Base Alloy Wire (Including Strand and Cable) Bare and Tinned, for Electrical Transmission... | 156 | 454 | 2.90 |
| 47 | 27321 | Book and Pamphlet Printing and Book Binding (Lithographic Process)..... | 168 | 484 | 2.89 |
| 48 | 19510 | Small Arms, 30 MM and Under..... | 86 | 247 | 2.88 |
| 49 | 28423 | Specialty Cleaning and Sanitation Products..... | 181 | 520 | 2.86 |
| 50 | 36941 | Ignition Harness and Cable Sets..... | 29 | 82 | 2.83 |
| 51 | 23962 | Automobile and Furniture Trimmings..... | 161 | 450 | 2.80 |
| 52 | 39314 | Other Musical Instruments and Parts..... | 48 | 134 | 2.79 |
| 53 | 35370 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 54 | 27311 | Textbooks..... | 282 | 779 | 2.77 |
| 55 | 35612 | Hydraulic Fluid Power Pumps and Motors and Vacuum Pumps | 77 | 212 | 2.76 |
| 56 | 22311 | Finished Wool Yarn, Tops, or Raw Stock Not Spun or Combed at Same Establishment..... | 27 | 75 | 2.75 |
| 57 | 24323 | Softwood Plywood, Exterior Type..... | 127 | 347 | 2.74 |
| 58 | 35414 | Grinding and Polishing Machines (Excluding Gear Tooth Grinding, Honing, Lapping, Polishing and Buffing Machines)..... | 89 | 245 | 2.74 |
| 59 | 37321 | Inboard Motor Boats..... | 76 | 208 | 2.74 |
| 60 | 36231 | Arc Welding Machines, Components, and Accessories, Excluding Electrodes..... | 66 | 179 | 2.72 |
| 61 | 3452A | Special Industrial Fasteners and Headed Products (Produced by Cold and Hot Heading Other than Industrial Fasteners) (Including 34522 and 34523)..... | 179 | 486 | 2.71 |
| 62 | 37150 | Truck Trailers..... | 284 | 770 | 2.71 |
| 63 | 22952 | Resin-Coated Fabrics..... | 121 | 325 | 2.69 |
| 64 | 35361 | Hoists..... | 59 | 159 | 2.68 |
| 65 | 35623 | Mounted Bearings..... | 35 | 94 | 2.67 |
| 66 | 35893 | Commercial and Industrial Vacuum Cleaners, Including Parts and Attachments..... | 13 | *34 | *2.67 |
| 67 | 36624 | Electronic Navigational Aids (Excluding Missile Borne and Space Vehicle Borne Equipment)..... | 426 | 1,135 | 2.67 |
| 68 | 28134 | Elemental Gases and Compressed and Liquified Gases, n.e.c..... | 130 | 345 | 2.65 |
| 69 | 35413 | Gear Cutting and Finishing Machines..... | 23 | 60 | 2.64 |
| 70 | 20373 | Frozen Prepared Foods and Soups..... | 319 | 838 | 2.63 |
| 71 | 32292 | Lighting and Electronic Glassware..... | 143 | 375 | 2.62 |
| 72 | 35451 | Small Cutting Tools for Machine Tools and Metalworking Machinery..... | 301 | 788 | 2.62 |
| 73 | 36792 | Capacitors for Electronic Applications..... | 184 | 478 | 2.60 |
| 74 | 32911 | Nonmetallic Artificial Sized Grains, Powders and Flour Abrasives..... | 39 | 101 | 2.59 |
| 75 | 33574 | Communication Wire and Cable..... | 365 | 948 | 2.59 |
| 76 | 33524 | Rolled Aluminum Rod, Bar, and Structural Shapes..... | 111 | 282 | 2.56 |
| 77 | 33512 | Rolled, Drawn, and Extruded Copper and Copper-Base Alloy Mill Products..... | 987 | 2,513 | 2.55 |
| 78 | 34990 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 79 | 26414 | Pressure Sensitive Tape..... | 183 | 465 | 2.53 |
| 80 | 33920 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 81 | 34970 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 82 | 35851 | Heat Transfer Equipment..... | 716 | 1,808 | 2.53 |
| 83 | 38611 | Still Picture Equipment..... | 179 | 454 | 2.53 |
| 84 | 32293 | Glass Fiber..... | 60 | 150 | 2.52 |
| 85 | 36794 | Coils, Transformers, Reactors, and Chokes for Electronic Applications..... | 192 | 484 | 2.52 |
| 86 | 36293 | Other Electrical Equipment for Industrial Use..... | 77 | 193 | 2.51 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 87 | 33577 | Magnet Wire..... | 183 | 458 | 2.50 |
| 88 | 26552 | Fiber Cans, Tubes and Other Fiber Products..... | 134 | 333 | 2.49 |
| 89 | 25111 | Radio, Phonograph, and Television Wood Cabinets..... | 114 | 283 | 2.48 |
| 90 | 25224 | Other Metal Office Furniture Including Tables, Stands, etc..... | 34 | 85 | 2.48 |
| 91 | 34613 | Job Stampings, Automotive..... | 551 | 1,369 | 2.48 |
| 92 | 36214 | Prime Mover Generator Sets Excluding Steam or Hydraulic Turbine..... | 74 | 182 | 2.47 |
| 93 | 38423 | Personal Industrial Safety Devices..... | 56 | 139 | 2.47 |
| 94 | 26416 | Other Coated and Processed Paper, Except Wrappers..... | 135 | 332 | 2.46 |
| 95 | 35483 | Acetylene Welding and Cutting Apparatus..... | 38 | 94 | 2.46 |
| 96 | 36134 | Fuses and Fuse Equipment, Under 2,300 Volts..... | 31 | 76 | 2.46 |
| 97 | 28518 | Putty, Caulking Compounds and Allied Products..... | 65 | 160 | 2.45 |
| 98 | 20372 | Frozen Vegetables..... | 231 | 565 | 2.44 |
| 99 | 22562 | Circular Knit Fabrics..... | 245 | 598 | 2.44 |
| 100 | 27524 | Financial and Legal..... | 50 | 122 | 2.43 |
| 101 | 34790 | Metal Coating, Engraving and Allied Services, n.e.c.... | 184 | 447 | 2.43 |
| 102 | 38615 | Photographic Sensitized Film and Plates..... | 396 | 960 | 2.43 |
| 103 | 20515 | Pastries and Cookies..... | 40 | 97 | 2.42 |
| 104 | 24262 | Hardwood Dimension Stock, Furniture Parts, and Vehicle Stock..... | 103 | 248 | 2.41 |
| 105 | 28443 | Hair Preparations (Including Shampoos)..... | 316 | 761 | 2.41 |
| 106 | 36511 | Household and Automobile Radios, and Radio-Phonograph Combinations..... | 345 | 830 | 2.41 |
| 107 | 37172 | Truck Tractors, Truck Chassis and Trucks (Chassis of Own Manufacture)..... | 1,934 | 4,656 | 2.41 |
| 108 | 26462 | Other Pressed and Molded Pulp Goods..... | 51 | 122 | 2.40 |
| 109 | 27611 | Continuous Business Forms..... | 169 | 407 | 2.40 |
| 110 | 35453 | Other Attachments and Accessories for Machine Tools and Metalworking Machinery..... | 96 | 231 | 2.40 |
| 111 | 35857 | Other Refrigeration and Air Conditioning Equipment..... | 195 | 469 | 2.40 |
| 112 | 1925A | R and D on Guided Missiles and Space Vehicles and All Other Serv. on Complete Missiles and Space Vehicles (Including 19253 and 19255)..... | 986 | 2,353 | 2.39 |
| 113 | 19251 | Guided Missiles and Space Vehicles, Completed..... | 901 | 2,156 | 2.39 |
| 114 | 25222 | Desks..... | 66 | 158 | 2.38 |
| 115 | 38617 | Sensitized Photographic Paper and Cloth, Other than Silver Halide Type..... | 82 | 196 | 2.38 |
| 116 | 2299A | Bonded Fiber Fabrics (Non-Woven Textiles) and Textile Goods, n.e.c., n.s.k. (Including 22991 and 22990)..... | 70 | 165 | 2.37 |
| 117 | 32316 | Other Glass Products, Made of Purchased Glass..... | 157 | 372 | 2.37 |
| 118 | 2253V | Knit Outerwear Sport Shirts (Including 22532, 23212, 23312 and 23612)..... | 219 | 517 | 2.36 |
| 119 | 32926 | Vinyl Asbestos Floor Tile..... | 67 | 157 | 2.36 |
| 120 | 3331V | Refined Copper (Including 33312 and 33412)..... | 480 | 1,129 | 2.35 |
| 121 | 35622 | Roller Bearings, Complete..... | 269 | 633 | 2.35 |
| 122 | 37177 | Rebuilt Automotive Parts (Excluding Carburetors)..... | 80 | 188 | 2.35 |
| 123 | 34510 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 124 | 20154 | Canned Poultry..... | 26 | 60 | 2.33 |
| 125 | 36113 | Other Electrical Measuring Instruments..... | 140 | 326 | 2.33 |
| 126 | 36425 | Outdoor Lighting Equipment..... | 76 | 178 | 2.33 |
| 127 | 39530 | Hand Stamps, Stencils, and Other Marking Devices..... | 59 | 137 | 2.33 |
| 128 | 35423 | Other Metal-Forming Machines..... | 61 | 141 | 2.32 |
| 129 | 3532A | Other Mining Machinery and Equipment n.s.k. Including Parts and Attachments for Mining Machinery Including 35320, 35323 and 35324..... | 143 | 330 | 2.31 |
| 130 | 36443 | Other Noncurrent Carrying Wiring Devices and Supplies.. | 59 | *137 | *2.31 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|---|-----------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 131 | 37510 | Bicycles, Motorcycles, Motorbikes, Scooters and Pts.... | 106 | 245 | 2.31 |
| 132 | 28445 | Other Cosmetics and Toilet Preparations..... | 418 | 961 | 2.30 |
| 133 | 33610 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 134 | 37171 | Passenger Cars, Knocked Down or Assembled..... | 9,218 | 21,157 | 2.30 |
| 135 | 35311 | Contractors' Off-Highway Wheel Tractors, Excluding Parts and Attachments..... | 90 | 206 | 2.29 |
| 136 | 35720 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 137 | 20874 | Other Flavoring Agents, Except Chocolate Sirups..... | 163 | 371 | 2.28 |
| 138 | 3357X | Appliance Wire and Cord and Flexible Cord Sets (Includ- ing 33576 and 36996)..... | 127 | 288 | 2.27 |
| 139 | 34441 | Sheet Metal Roofing, Siding and Drainage Equipment.... | 186 | 422 | 2.27 |
| 140 | 36343 | Other Small Household Electric Appliances..... | 336 | 764 | 2.27 |
| 141 | 35416 | Milling Machines..... | 89 | 202 | 2.26 |
| 142 | 36912 | Storage Batteries (Other than Sli Type) Including Parts for Storage Batteries, All Types..... | 79 | 177 | 2.26 |
| 143 | 28411 | Alkaline Detergents and Acid-Type Cleaners..... | 144 | 326 | 2.25 |
| 144 | 35624 | Ball and Roller Bearings Parts and Components..... | 41 | 92 | 2.25 |
| 145 | 36942 | Battery Charging Generators..... | 105 | 236 | 2.25 |
| 146 | 37130 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 147 | 3799A | Other Transportation Equipment, and Transportation Equipment, n.e.c. and n.s.k. (Including 37992 and 37990)..... | 77 | 174 | 2.25 |
| 148 | 20872 | Beverage Bases, Except Sirups and Concentrated Fruit Juices..... | 59 | 132 | 2.24 |
| 149 | 29115 | Liquified Petroleum Gases Made in Refineries..... | 560 | 1,253 | 2.24 |
| 150 | 35411 | Boring Machines..... | 52 | 115 | 2.24 |
| 151 | 36220 | General Industry Power Circuit Devices and Controls.... | 447 | 1,002 | 2.24 |
| 152 | 36393 | Other Household Appliances and Parts..... | 131 | 294 | 2.24 |
| 153 | 38711 | Clocks..... | 111 | 250 | 2.24 |
| 154 | 26452 | Pasted, Lined, Laminated or Surface Coated Paperboard.. | 57 | 127 | 2.23 |
| 155 | 27315 | General Books (Trade), etc..... | 275 | 611 | 2.23 |
| 156 | 35482 | Power-Driven Hand Tool, Including Parts and Attachments | 211 | 470 | 2.23 |
| 157 | 36943 | Cranking Motors..... | 82 | 184 | 2.23 |
| 158 | 22561 | Warp-Knit Fabrics..... | 217 | 482 | 2.22 |
| 159 | 27316 | Other Books and Pamphlets..... | 96 | 213 | 2.22 |
| 160 | 30692 | Rubber Hose and Tubing..... | 181 | 400 | 2.22 |
| 161 | 35642 | Dust Collection, Air Purification Equipment and Air Washers..... | 70 | 156 | 2.22 |
| 162 | 33220 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 163 | 33996 | Heat Treating of Steel for the Trade..... | 85 | 188 | 2.20 |
| 164 | 35662 | Speed Changers, Industrial High Speed Drives and Gears | 234 | 515 | 2.20 |
| 165 | 36422 | Commercial and Institutional Type Electric Fixtures.... | 168 | 370 | 2.20 |
| 166 | 3519A | Diesel and Semidiesel Internal Combustion Engines, (In- cluding 35192 and 35194)..... | 314 | 690 | 2.19 |
| 167 | 35318 | Scrapers, Graders, Rollers and Off-Highway Trucks, Trailers, and Wagons (Excluding Parts) (See 35319).... | 326 | 712 | 2.19 |
| 168 | 3589A | Commercial Cooking and Food Warming Equipment, Service Industry Machines and Parts (Including 35891 and 35892)..... | 209 | 458 | 2.19 |
| 169 | 33526 | Aluminum Tube..... | 90 | 195 | 2.18 |
| 170 | 35591 | Chemical Manufacturing Industries Machinery and Equip- ment..... | 118 | 258 | 2.18 |
| 171 | 35671 | Electric Industrial Furnaces and Ovens, Metal Proc- essing..... | 36 | 78 | 2.18 |
| 172 | 25113 | Wood Dining Room and Kitchen Furniture (Excluding Cab- inets)..... | 167 | 362 | 2.17 |
| 173 | 33230 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 174 | 33525 | Extruded Aluminum Rod, Bar and Other Extruded Shapes... | 272 | 591 | 2.17 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|---|-----------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 175 | 34231 | Mechanics' Hand Service Tools..... | 188 | 409 | 2.17 |
| 176 | 35334 | Other Oil and Gas Field Machinery and Tools..... | 41 | 88 | 2.17 |
| 177 | 37175 | Parts and Accessories for Passenger Cars, Trucks and Busses Shipped to Motor Vehicle Manufactures..... | 7,327 | 15,894 | 2.17 |
| 178 | 28441 | Shaving Preparations..... | 75 | 162 | 2.16 |
| 179 | 23113 | Men's Tailored Dress and Sport Coats and Jackets..... | 147 | 317 | 2.15 |
| 180 | 28191 | Synthetic Ammonia, Nitric Acid, and Ammonium Compounds | 365 | 785 | 2.15 |
| 181 | 32912 | Nonmetallic Bonded Abrasive Products, Including Diamond Abrasives..... | 164 | 353 | 2.15 |
| 182 | 39111 | Jewelry, Made of Platinum Metals and Carat Gold..... | 195 | 419 | 2.15 |
| 183 | 28153 | Synthetic Organic Pigments, Lakes, and Toners..... | 80 | 172 | 2.14 |
| 184 | 30793 | Laminated Sheets, Rods and Tubes..... | 163 | 349 | 2.14 |
| 185 | 34291 | Transportation Equipment Hardware..... | 472 | 1,009 | 2.14 |
| 186 | 35595 | Other Special Industrial Machinery and Equipment..... | 415 | 886 | 2.14 |
| 187 | 20922 | Other Soybean Oil Mill Products..... | 487 | 1,036 | 2.13 |
| 188 | 32962 | Mineral Wool for Industrial and Equipment Insulation... | 142 | 302 | 2.13 |
| 189 | 36930 | X-Ray Equipment, Including X-Ray Tubes and Electro- therapeutic Apparatus..... | 73 | 156 | 2.13 |
| 190 | 28198 | Chemical Catalytic Preparations..... | 56 | 119 | 2.12 |
| 191 | 35552 | Other Printing Trades Machinery, Including Parts and Attachments..... | 156 | 330 | 2.12 |
| 192 | 23850 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 193 | 33560 | Nonferrous Metal Rolling and Drawing, n.e.c., Including Nonferrous Wire n.e.c. made in Rolling Mills, n.e.c. (See 33575)..... | 428 | 903 | 2.11 |
| 194 | 3357V | Aluminum and Aluminum-Base Alloy Wire (Including ACSR) (Including 33521 and 33571)..... | 101 | 212 | 2.11 |
| 195 | 35551 | Printing Presses..... | 94 | 199 | 2.11 |
| 196 | 36233 | Resistance Welders, Components, Accessories and Elec- trodes..... | 48 | 101 | 2.11 |
| 197 | 36945 | Other Complete Electrical Equipment for Internal Com- bustion Engines..... | 134 | 282 | 2.11 |
| 198 | 24321 | Hardwood Plywood..... | 183 | 383 | 2.10 |
| 199 | 25126 | Furniture Frames for Household Furniture..... | 36 | 77 | 2.10 |
| 200 | 25221 | Chairs, Stools, Couches, etc., Including Upholstered... | 59 | 123 | 2.10 |

*Machinery, except electrical, and electrical machinery industries are underscored.

Section II.—Profiles of Machinery Manufacturing

Table II-1a.—GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, MACHINERY, EXCEPT ELECTRICAL

NOTE: Data for 1964 and 1965 may be subject to high standard errors of estimate. Consult Chapter 8 of the Annual Survey of Manufactures, 1964-65 for standard errors of estimate.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1958..... | 4,387 | 20,115 | 3,331 | 6,467 | 13,501 | 28,885 | 4,585 | 4,053 | 8,672 | 2.14 | 2.09 | 1,941 |
| 1963..... | 5,163 | 26,711 | 4,037 | 8,261 | 18,429 | 51,685 | 5,174 | 4,565 | 12,803 | 2.80 | 2.23 | 2,046 |
| 1964..... | 5,833 | 31,244 | 4,519 | 9,595 | 20,942 | 55,416 | 5,356 | 4,634 | 12,263 | 2.65 | 2.18 | 2,123 |
| 1965..... | 6,328 | 36,100 | 5,012, | 10,848 | 25,124 | 80,297 | 5,705 | 5,013 | 16,021 | 3.20 | 2.32 | 2,164 |
| Alaska: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 24 | 169 | 20 | 41 | 150 | 328 | 7,042 | 7,500 | 16,400 | 2.19 | 3.66 | 2,050 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona: | | | | | | | | | | | | |
| 1958..... | 2,998 | 16,682 | 1,816 | 3,814 | 8,158 | 18,913 | 5,564 | 4,492 | 10,415 | 2.32 | 2.14 | 2,100 |
| 1963..... | 5,771 | 37,775 | 3,055 | 5,763 | 14,404 | 51,324 | 6,546 | 4,715 | 16,800 | 3.56 | 2.50 | 1,886 |
| 1964..... | 9,883 | 75,567 | 6,352 | 13,301 | 44,517 | 125,991 | 7,646 | 7,008 | 19,835 | 2.83 | 3.35 | 2,094 |
| 1965..... | 10,922 | 92,129 | 6,929 | 14,710 | 50,293 | 134,366 | 8,435 | 7,258 | 19,392 | 2.67 | 3.42 | 2,123 |
| Arkansas: | | | | | | | | | | | | |
| 1958..... | 1,279 | 5,087 | 963 | 1,738 | 3,414 | 11,172 | 3,977 | 3,545 | 11,601 | 3.27 | 1.96 | 1,805 |
| 1963..... | 3,050 | 13,478 | 2,444 | 4,961 | 9,624 | 32,757 | 4,419 | 3,938 | 13,403 | 3.40 | 1.94 | 2,030 |
| 1964..... | 3,492 | 15,374 | 2,794 | 5,558 | 10,751 | 40,484 | 4,403 | 3,848 | 14,490 | 3.77 | 1.93 | 1,989 |
| 1965..... | 3,766 | 17,127 | 3,036 | 6,126 | 12,188 | 39,401 | 4,548 | 4,014 | 12,978 | 3.23 | 1.99 | 2,018 |
| California: | | | | | | | | | | | | |
| 1958..... | 78,665 | 458,527 | 53,265 | 106,243 | 275,275 | 767,748 | 5,829 | 5,168 | 14,414 | 2.79 | 2.59 | 1,995 |
| 1963..... | 93,308 | 650,086 | 61,602 | 126,115 | 377,251 | 1,086,421 | 6,967 | 6,124 | 17,636 | 2.88 | 2.99 | 2,047 |
| 1964..... | 93,334 | 696,456 | 61,332 | 129,006 | 391,139 | 1,229,015 | 7,462 | 6,377 | 20,039 | 3.14 | 3.03 | 2,103 |
| 1965..... | 101,647 | 771,546 | 66,529 | 137,687 | 432,132 | 1,312,266 | 7,590 | 6,495 | 19,725 | 3.04 | 3.14 | 2,070 |
| Colorado: | | | | | | | | | | | | |
| 1958..... | 4,678 | 24,024 | 3,425 | 6,594 | 15,813 | 50,543 | 5,136 | 4,617 | 14,757 | 3.20 | 2.40 | 1,925 |
| 1963..... | 5,172 | 31,818 | 3,844 | 7,797 | 22,279 | 65,722 | 6,152 | 5,796 | 17,097 | 2.95 | 2.86 | 2,028 |
| 1964..... | 5,451 | 34,829 | 3,971 | 8,116 | 22,936 | 65,617 | 6,389 | 5,776 | 16,524 | 2.86 | 2.83 | 2,044 |
| 1965..... | 6,729 | 41,371 | 4,919 | 9,994 | 26,804 | 107,531 | 6,148 | 5,449 | 21,860 | 4.01 | 2.68 | 2,032 |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 59,468 | 302,701 | 43,985 | 84,166 | 203,643 | 493,082 | 5,090 | 4,630 | 11,210 | 2.42 | 2.42 | 1,914 |
| 1963..... | 58,587 | 376,000 | 44,463 | 91,742 | 258,731 | 684,061 | 6,418 | 5,819 | 15,385 | 2.64 | 2.82 | 2,063 |
| 1964..... | 57,839 | 398,925 | 43,885 | 92,706 | 273,392 | 711,290 | 6,897 | 6,230 | 16,208 | 2.60 | 2.95 | 2,112 |
| 1965..... | 62,477 | 450,037 | 47,639 | 102,410 | 308,646 | 797,791 | 7,203 | 6,479 | 16,747 | 2.58 | 3.01 | 2,150 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, MACHINERY, EXCEPT ELECTRICAL--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Delaware: | | | | | | | | | | | | |
| 1958..... | 2,143 | 12,545 | 1,458 | 2,795 | 7,064 | 12,201 | 5,854 | 4,845 | 8,368 | 1.73 | 2.53 | 1,917 |
| 1963..... | 1,317 | 10,919 | 842 | 1,720 | 5,262 | 11,655 | 8,291 | 6,249 | 13,842 | 2.21 | 3.06 | 2,043 |
| 1964..... | 1,406 | 11,731 | 937 | 2,179 | 6,442 | 14,639 | 8,344 | 6,875 | 15,623 | 2.27 | 2.96 | 2,326 |
| 1965..... | 1,333 | 10,275 | 923 | 1,909 | 5,990 | 14,624 | 7,708 | 6,490 | 15,844 | 2.44 | 3.14 | 2,068 |
| District of Columbia: | | | | | | | | | | | | |
| 1958..... | 117 | 663 | 90 | 175 | 478 | 1,175 | 5,667 | 5,311 | 13,056 | 2.46 | 2.73 | 1,944 |
| 1963..... | 221 | 1,323 | 181 | 376 | 985 | 2,193 | 5,986 | 5,442 | 12,116 | 2.23 | 2.62 | 2,077 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida: | | | | | | | | | | | | |
| 1958..... | 3,998 | 16,626 | 3,069 | 5,947 | 11,367 | 27,747 | 4,159 | 3,704 | 9,041 | 2.44 | 1.91 | 1,938 |
| 1963..... | 6,790 | 35,926 | 5,000 | 10,240 | 23,431 | 94,046 | 5,291 | 4,686 | 18,809 | 4.01 | 2.29 | 2,048 |
| 1964..... | 7,641 | 41,126 | 5,970 | 12,056 | 26,191 | 100,521 | 5,382 | 4,387 | 16,838 | 3.84 | 2.17 | 2,019 |
| 1965..... | 7,730 | 49,662 | 5,907 | 12,478 | 33,441 | 103,914 | 6,425 | 5,661 | 17,592 | 3.11 | 2.68 | 2,112 |
| Georgia: | | | | | | | | | | | | |
| 1958..... | 7,972 | 34,434 | 5,941 | 11,515 | 21,745 | 66,971 | 4,319 | 3,660 | 11,273 | 3.08 | 1.89 | 1,938 |
| 1963..... | 8,914 | 45,696 | 6,761 | 13,648 | 28,943 | 86,139 | 5,126 | 4,281 | 12,741 | 2.98 | 2.12 | 2,019 |
| 1964..... | 8,797 | 46,577 | 6,922 | 13,708 | 30,713 | 97,329 | 5,295 | 4,437 | 14,061 | 3.17 | 2.24 | 1,980 |
| 1965..... | 9,877 | 56,048 | 7,687 | 15,856 | 36,718 | 110,155 | 5,675 | 4,777 | 14,330 | 3.00 | 2.32 | 2,063 |
| Hawaii: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 400 | 2,228 | 332 | 672 | 1,730 | 3,321 | 5,570 | 5,211 | 10,003 | 1.92 | 2.57 | 2,024 |
| 1964..... | 414 | 2,524 | 340 | 748 | 1,947 | 3,991 | 6,097 | 5,726 | 11,738 | 2.05 | 2.60 | 2,200 |
| 1965..... | 471 | 2,822 | 370 | 764 | 2,147 | 4,014 | 5,992 | 5,803 | 10,849 | 1.87 | 2.81 | 2,065 |
| Idaho: | | | | | | | | | | | | |
| 1958..... | 845 | 6,000 | 684 | 1,391 | 4,582 | 8,399 | 7,101 | 6,699 | 12,279 | 1.83 | 3.29 | 2,034 |
| 1963..... | 556 | 3,112 | 443 | 921 | 2,350 | 5,050 | 5,597 | 5,305 | 11,400 | 2.15 | 2.55 | 2,079 |
| 1964..... | 695 | 3,903 | 539 | 1,183 | 2,899 | 6,971 | 5,616 | 5,378 | 12,933 | 2.40 | 2.45 | 2,195 |
| 1965..... | 867 | 4,598 | 648 | 1,328 | 3,150 | 5,437 | 5,303 | 4,861 | 8,390 | 1.73 | 2.37 | 2,049 |
| Illinois: | | | | | | | | | | | | |
| 1958..... | 164,447 | 895,565 | 116,272 | 222,626 | 568,692 | 1,723,164 | 5,446 | 4,891 | 14,820 | 3.03 | 2.55 | 1,915 |
| 1963..... | 178,573 | 1,200,568 | 129,026 | 265,805 | 798,826 | 2,215,971 | 6,723 | 6,191 | 17,175 | 2.77 | 3.01 | 2,060 |
| 1964..... | 198,409 | 1,387,663 | 147,832 | 303,225 | 940,420 | 2,572,780 | 6,994 | 6,361 | 17,403 | 2.74 | 3.10 | 2,051 |
| 1965..... | 202,909 | 1,473,895 | 149,120 | 311,258 | 996,171 | 2,845,799 | 7,264 | 6,680 | 19,084 | 2.86 | 3.20 | 2,087 |
| Indiana: | | | | | | | | | | | | |
| 1958..... | 45,954 | 245,576 | 32,636 | 63,662 | 158,179 | 439,517 | 5,344 | 4,847 | 13,467 | 2.78 | 2.48 | 1,951 |
| 1963..... | 54,501 | 349,123 | 40,282 | 82,173 | 235,880 | 678,261 | 6,406 | 5,856 | 16,838 | 2.88 | 2.87 | 2,040 |
| 1964..... | 58,156 | 389,566 | 42,966 | 89,554 | 263,499 | 767,164 | 6,699 | 6,133 | 17,855 | 2.91 | 2.94 | 2,084 |
| 1965..... | 62,678 | 441,356 | 46,980 | 98,773 | 300,047 | 858,954 | 7,042 | 6,387 | 18,283 | 2.86 | 3.04 | 2,102 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, MACHINERY, EXCEPT ELECTRICAL--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Iowa: | | | | | | | | | | | | |
| 1958..... | 31,274 | 165,638 | 23,819 | 46,580 | 115,405 | 301,412 | 5,296 | 4,845 | 12,654 | 2.61 | 2.48 | 1,956 |
| 1963..... | 35,496 | 229,484 | 26,801 | 53,105 | 159,493 | 476,926 | 6,465 | 5,951 | 17,795 | 2.99 | 3.00 | 1,981 |
| 1964..... | 37,770 | 259,802 | 28,465 | 57,743 | 180,334 | 535,576 | 6,879 | 6,335 | 18,815 | 2.97 | 3.12 | 2,029 |
| 1965..... | 41,428 | 282,718 | 31,049 | 62,965 | 202,715 | 586,186 | 6,824 | 6,529 | 18,879 | 2.89 | 3.22 | 2,028 |
| Kansas: | | | | | | | | | | | | |
| 1958..... | 8,412 | 39,130 | 5,657 | 11,037 | 24,325 | 67,823 | 4,652 | 4,300 | 11,989 | 2.79 | 2.20 | 1,951 |
| 1963..... | 8,486 | 47,151 | 6,087 | 12,889 | 29,304 | 97,032 | 5,556 | 4,814 | 15,941 | 3.31 | 2.27 | 2,117 |
| 1964..... | 9,786 | 59,284 | 6,943 | 15,642 | 36,717 | 113,344 | 6,058 | 5,288 | 16,325 | 3.09 | 2.35 | 2,253 |
| 1965..... | 11,970 | 68,809 | 8,652 | 18,318 | 43,553 | 141,982 | 5,748 | 5,034 | 16,410 | 3.26 | 2.38 | 2,117 |
| Kentucky: | | | | | | | | | | | | |
| 1958..... | 12,680 | 65,229 | 9,466 | 18,103 | 42,710 | 132,629 | 5,144 | 4,512 | 14,011 | 3.11 | 2.36 | 1,912 |
| 1963..... | 16,156 | 107,014 | 12,193 | 24,004 | 71,131 | 231,352 | 6,624 | 5,834 | 18,974 | 3.25 | 2.96 | 1,969 |
| 1964..... | 17,625 | 123,137 | 13,641 | 27,053 | 82,711 | 300,175 | 6,986 | 6,063 | 22,005 | 3.63 | 3.06 | 1,983 |
| 1965..... | 19,047 | 132,731 | 14,186 | 28,417 | 86,191 | 341,768 | 6,969 | 6,076 | 24,092 | 3.97 | 3.03 | 2,003 |
| Louisiana: | | | | | | | | | | | | |
| 1958..... | 3,082 | 14,635 | 2,415 | 4,767 | 10,145 | 25,228 | 4,749 | 4,201 | 10,446 | 2.49 | 2.13 | 1,974 |
| 1963..... | 3,856 | 20,957 | 2,917 | 6,224 | 14,700 | 37,544 | 5,435 | 5,039 | 12,871 | 2.55 | 2.36 | 2,134 |
| 1964..... | 3,837 | 21,425 | 2,954 | 6,427 | 15,380 | 39,083 | 5,584 | 5,206 | 13,231 | 2.54 | 2.39 | 2,176 |
| 1965..... | 4,316 | 22,517 | 3,347 | 6,358 | 15,960 | 39,336 | 5,217 | 4,768 | 11,753 | 2.46 | 2.51 | 1,900 |
| Maine: | | | | | | | | | | | | |
| 1958..... | 2,862 | 14,497 | 2,198 | 4,945 | 10,180 | 13,531 | 5,065 | 4,631 | 6,156 | 1.33 | 2.06 | 2,250 |
| 1963..... | 1,815 | 9,107 | 1,343 | 2,746 | 5,959 | 12,900 | 5,018 | 4,437 | 9,605 | 2.16 | 2.17 | 2,045 |
| 1964..... | 2,149 | 10,987 | 1,698 | 3,576 | 7,938 | 15,447 | 5,113 | 4,675 | 9,097 | 1.95 | 2.22 | 2,106 |
| 1965..... | 2,214 | 12,321 | 1,666 | 3,535 | 8,289 | 19,349 | 5,565 | 4,975 | 11,614 | 2.33 | 2.34 | 2,122 |
| Maryland: | | | | | | | | | | | | |
| 1958..... | 10,600 | 54,187 | 7,202 | 14,201 | 32,863 | 105,275 | 5,112 | 4,563 | 14,617 | 3.20 | 2.31 | 1,972 |
| 1963..... | 11,545 | 72,551 | 7,996 | 16,517 | 43,861 | 142,105 | 6,284 | 5,485 | 17,772 | 3.24 | 2.66 | 2,066 |
| 1964..... | 11,851 | 78,844 | 8,287 | 17,421 | 47,496 | 170,090 | 6,653 | 5,731 | 20,525 | 3.58 | 2.73 | 2,102 |
| 1965..... | 13,593 | 92,010 | 10,083 | 20,439 | 59,103 | 172,961 | 6,769 | 5,862 | 17,154 | 2.93 | 2.89 | 2,027 |
| Massachusetts: | | | | | | | | | | | | |
| 1958..... | 66,266 | 346,693 | 45,838 | 91,095 | 217,412 | 558,375 | 5,232 | 4,743 | 12,181 | 2.57 | 2.39 | 1,987 |
| 1963..... | 67,673 | 430,873 | 47,469 | 97,886 | 272,875 | 714,596 | 6,367 | 5,748 | 15,054 | 2.62 | 2.79 | 2,062 |
| 1964..... | 67,605 | 444,276 | 47,844 | 97,987 | 278,548 | 838,738 | 6,572 | 5,822 | 17,531 | 3.01 | 2.84 | 2,048 |
| 1965..... | 70,126 | 478,035 | 48,975 | 101,866 | 298,478 | 832,873 | 6,817 | 6,094 | 17,006 | 2.79 | 2.93 | 2,080 |
| Michigan: | | | | | | | | | | | | |
| 1958..... | 124,422 | 772,377 | 91,647 | 179,894 | 520,827 | 1,192,827 | 6,208 | 5,683 | 13,015 | 2.29 | 2.90 | 1,963 |
| 1963..... | 134,532 | 988,791 | 102,565 | 217,593 | 703,664 | 1,804,594 | 7,350 | 6,861 | 17,595 | 2.56 | 3.23 | 2,122 |
| 1964..... | 142,519 | 1,100,323 | 105,892 | 229,327 | 764,870 | 2,017,883 | 7,721 | 7,223 | 19,056 | 2.64 | 3.34 | 2,166 |
| 1965..... | 152,404 | 1,238,292 | 115,259 | 249,411 | 871,354 | 2,268,122 | 8,125 | 7,560 | 19,678 | 2.60 | 3.49 | 2,164 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, MACHINERY, EXCEPT ELECTRICAL--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Minnesota: | | | | | | | | | | | | |
| 1958..... | 27,888 | 147,792 | 17,881 | 36,305 | 83,212 | 252,576 | 5,299 | 4,654 | 14,125 | 3.04 | 2.29 | 2,030 |
| 1963..... | 37,532 | 238,727 | 24,875 | 51,095 | 136,604 | 482,493 | 6,361 | 5,492 | 19,397 | 3.53 | 2.67 | 2,054 |
| 1964..... | 38,921 | 266,551 | 25,463 | 53,238 | 148,300 | 572,854 | 6,849 | 5,824 | 22,498 | 3.86 | 2.79 | 2,091 |
| 1965..... | 43,404 | 297,313 | 28,162 | 60,117 | 166,976 | 664,505 | 6,850 | 5,929 | 23,596 | 3.98 | 2.78 | 2,135 |
| Mississippi: | | | | | | | | | | | | |
| 1958..... | 2,093 | 8,782 | 1,523 | 3,033 | 5,564 | 17,781 | 4,196 | 3,653 | 11,675 | 3.20 | 1.83 | 1,991 |
| 1963..... | 4,233 | 18,933 | 3,404 | 7,228 | 14,001 | 44,382 | 4,473 | 4,113 | 13,038 | 3.17 | 1.94 | 2,123 |
| 1964..... | 5,111 | 24,534 | 3,935 | 8,490 | 17,251 | 52,351 | 4,800 | 4,384 | 13,304 | 3.03 | 2.03 | 2,158 |
| 1965..... | 6,863 | 36,381 | 5,394 | 12,306 | 26,951 | 73,464 | 5,301 | 4,996 | 13,620 | 2.73 | 2.19 | 2,281 |
| Missouri: | | | | | | | | | | | | |
| 1958..... | 20,775 | 103,709 | 14,192 | 27,483 | 64,184 | 185,897 | 4,992 | 4,523 | 13,099 | 2.90 | 2.34 | 1,937 |
| 1963..... | 26,449 | 158,342 | 18,475 | 37,360 | 100,762 | 275,562 | 5,987 | 5,454 | 14,915 | 2.73 | 2.70 | 2,022 |
| 1964..... | 27,896 | 177,702 | 20,129 | 40,995 | 115,439 | 335,240 | 6,370 | 5,735 | 16,655 | 2.90 | 2.82 | 2,037 |
| 1965..... | 29,537 | 192,518 | 21,609 | 42,257 | 121,903 | 368,141 | 6,518 | 5,641 | 17,036 | 3.02 | 2.88 | 1,956 |
| Montana: | | | | | | | | | | | | |
| 1958..... | 108 | 443 | 89 | 149 | 359 | 543 | 4,102 | 4,034 | 6,101 | 1.51 | 2.41 | 1,674 |
| 1963..... | 106 | 546 | 83 | 167 | 448 | 944 | 5,151 | 5,398 | 11,373 | 2.11 | 2.68 | 2,012 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nebraska: | | | | | | | | | | | | |
| 1958..... | 3,252 | 13,819 | 2,368 | 4,765 | 9,362 | 27,588 | 4,249 | 3,954 | 11,650 | 2.95 | 1.96 | 2,012 |
| 1963..... | 3,354 | 16,880 | 2,550 | 5,280 | 11,778 | 49,979 | 5,033 | 4,619 | 19,600 | 4.24 | 2.23 | 2,071 |
| 1964..... | 4,035 | 21,605 | 3,061 | 6,310 | 15,005 | 71,809 | 5,354 | 4,902 | 23,459 | 4.79 | 2.38 | 2,061 |
| 1965..... | 4,467 | 24,329 | 3,309 | 7,452 | 16,604 | 68,128 | 5,446 | 5,018 | 20,589 | 4.10 | 2.23 | 2,252 |
| Nevada: | | | | | | | | | | | | |
| 1958..... | 62 | 266 | 49 | 85 | 198 | n.a. | 4,290 | 4,041 | n.a. | 0.04 | 2.33 | 1,735 |
| 1963..... | 100 | 571 | 77 | 144 | 417 | 1,150 | 5,710 | 5,416 | 14,935 | 2.76 | 2.90 | 1,870 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire: | | | | | | | | | | | | |
| 1958..... | 7,147 | 32,607 | 5,121 | 10,427 | 20,947 | 59,727 | 4,562 | 4,090 | 11,663 | 2.85 | 2.01 | 2,036 |
| 1963..... | 8,002 | 46,712 | 5,791 | 12,754 | 29,405 | 78,269 | 5,838 | 5,078 | 13,516 | 2.66 | 2.31 | 2,202 |
| 1964..... | 8,080 | 47,920 | 5,859 | 12,849 | 30,014 | 79,559 | 5,931 | 5,123 | 13,579 | 2.65 | 2.34 | 2,193 |
| 1965..... | 9,904 | 60,756 | 7,227 | 15,715 | 39,260 | 113,458 | 6,134 | 5,432 | 15,699 | 2.89 | 2.50 | 2,174 |
| New Jersey: | | | | | | | | | | | | |
| 1958..... | 57,517 | 315,161 | 38,892 | 77,926 | 192,907 | 519,371 | 5,479 | 4,960 | 13,354 | 2.69 | 2.48 | 2,004 |
| 1963..... | 56,729 | 378,203 | 40,297 | 84,424 | 247,135 | 689,700 | 6,667 | 6,133 | 17,115 | 2.79 | 2.93 | 2,095 |
| 1964..... | 58,076 | 406,342 | 40,591 | 86,832 | 260,687 | 749,522 | 6,997 | 6,422 | 18,465 | 2.88 | 3.00 | 2,139 |
| 1965..... | 62,832 | 443,984 | 44,872 | 92,723 | 282,683 | 837,822 | 7,066 | 6,300 | 18,671 | 2.96 | 3.05 | 2,066 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, MACHINERY, EXCEPT ELECTRICAL--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| New Mexico: | | | | | | | | | | | | |
| 1958..... | 563 | 2,702 | 445 | 838 | 2,017 | 4,823 | 4,799 | 4,533 | 10,838 | 2.39 | 2.41 | 1,883 |
| 1963..... | 635 | 3,746 | 483 | 1,053 | 2,609 | 6,274 | 5,899 | 5,402 | 12,990 | 2.48 | 2.48 | 2,180 |
| 1964..... | 631 | 3,685 | 483 | 995 | 2,576 | 5,547 | 5,840 | 5,333 | 11,484 | 2.15 | 2.59 | 2,060 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| New York: | | | | | | | | | | | | |
| 1958..... | 139,103 | 753,506 | 91,465 | 179,518 | 448,619 | 1,180,700 | 5,417 | 4,905 | 12,909 | 2.63 | 2.50 | 1,963 |
| 1963..... | 131,599 | 898,016 | 88,125 | 180,828 | 533,438 | 1,494,226 | 6,824 | 6,053 | 16,956 | 2.80 | 2.95 | 2,052 |
| 1964..... | 135,218 | 964,086 | 91,950 | 192,166 | 583,290 | 2,054,668 | 7,130 | 6,344 | 22,345 | 3.52 | 3.04 | 2,090 |
| 1965..... | 145,477 | 1,071,205 | 98,441 | 209,886 | 649,919 | 2,337,595 | 7,363 | 6,602 | 23,746 | 3.60 | 3.10 | 2,132 |
| North Carolina: | | | | | | | | | | | | |
| 1958..... | 9,121 | 35,925 | 6,904 | 13,441 | 23,042 | 68,529 | 3,939 | 3,337 | 9,926 | 2.97 | 1.71 | 1,947 |
| 1963..... | 12,070 | 57,575 | 9,280 | 19,384 | 37,174 | 117,206 | 4,770 | 4,006 | 12,630 | 3.15 | 1.92 | 2,089 |
| 1964..... | 12,196 | 60,087 | 9,277 | 19,723 | 38,352 | 125,523 | 4,927 | 4,134 | 13,531 | 3.27 | 1.94 | 2,126 |
| 1965..... | 15,177 | 80,285 | 11,677 | 25,433 | 50,305 | 171,123 | 5,290 | 4,308 | 14,655 | 3.40 | 1.98 | 2,178 |
| North Dakota: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 560 | 2,688 | 439 | 911 | 1,853 | 4,528 | 4,800 | 4,221 | 10,314 | 2.44 | 2.03 | 2,075 |
| 1964..... | 584 | 3,003 | 460 | 1,012 | 2,088 | 6,693 | 5,142 | 4,539 | 14,550 | 3.21 | 2.06 | 2,200 |
| 1965..... | 586 | 4,015 | 417 | 879 | 2,433 | 8,884 | 6,852 | 5,835 | 21,305 | 3.65 | 2.77 | 2,108 |
| Ohio: | | | | | | | | | | | | |
| 1958..... | 157,461 | 878,004 | 113,584 | 217,512 | 572,223 | 1,410,508 | 5,576 | 5,038 | 12,418 | 2.46 | 2.63 | 1,915 |
| 1963..... | 165,200 | 1,108,828 | 120,111 | 247,557 | 744,709 | 1,991,426 | 6,712 | 6,200 | 16,580 | 2.67 | 3.01 | 2,061 |
| 1964..... | 175,616 | 1,249,482 | 129,129 | 274,203 | 845,718 | 2,304,483 | 7,115 | 6,549 | 17,846 | 2.72 | 3.08 | 2,123 |
| 1965..... | 190,503 | 1,422,197 | 140,199 | 301,986 | 965,963 | 2,640,357 | 7,465 | 6,890 | 18,833 | 2.73 | 3.20 | 2,154 |
| Oklahoma: | | | | | | | | | | | | |
| 1958..... | 9,334 | 46,144 | 6,642 | 12,942 | 29,491 | 77,190 | 4,944 | 4,440 | 11,621 | 2.62 | 2.28 | 1,949 |
| 1963..... | 11,032 | 61,180 | 8,095 | 16,364 | 39,618 | 120,244 | 5,546 | 4,894 | 14,854 | 3.04 | 2.42 | 2,021 |
| 1964..... | 11,177 | 65,984 | 8,193 | 17,010 | 42,461 | 133,343 | 5,904 | 5,183 | 16,275 | 3.14 | 2.50 | 2,076 |
| 1965..... | 11,683 | 69,128 | 8,598 | 17,489 | 43,264 | 139,155 | 5,917 | 5,032 | 16,185 | 3.22 | 2.47 | 2,034 |
| Oregon: | | | | | | | | | | | | |
| 1958..... | 4,062 | 22,323 | 2,999 | 5,720 | 15,213 | 38,390 | 5,496 | 5,073 | 12,801 | 2.52 | 2.66 | 1,907 |
| 1963..... | 5,575 | 36,601 | 3,987 | 7,861 | 23,340 | 69,701 | 6,565 | 5,854 | 17,482 | 2.99 | 2.97 | 1,972 |
| 1964..... | 6,212 | 40,395 | 4,408 | 8,761 | 25,282 | 85,663 | 6,503 | 5,735 | 19,434 | 3.39 | 2.89 | 1,988 |
| 1965..... | 7,247 | 49,196 | 5,309 | 10,601 | 32,993 | 90,105 | 6,788 | 6,215 | 16,972 | 2.73 | 3.11 | 1,997 |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 112,147 | 596,372 | 78,666 | 152,772 | 384,224 | 1,019,519 | 5,318 | 4,884 | 12,960 | 2.65 | 2.52 | 1,942 |
| 1963..... | 112,607 | 732,852 | 78,412 | 159,398 | 458,208 | 1,257,664 | 6,508 | 5,844 | 16,039 | 2.74 | 2.87 | 2,033 |
| 1964..... | 117,871 | 808,007 | 81,709 | 170,213 | 501,909 | 1,429,537 | 6,855 | 6,143 | 17,495 | 2.85 | 2.95 | 2,083 |
| 1965..... | 124,580 | 877,443 | 88,309 | 186,982 | 557,126 | 1,582,480 | 7,043 | 6,309 | 17,920 | 2.84 | 2.98 | 2,117 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, MACHINERY, EXCEPT ELECTRICAL--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|------------------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Rhode Island: | | | | | | | | | | | | |
| 1958..... | 8,249 | 39,344 | 5,770 | 11,056 | 23,656 | 60,989 | 4,770 | 4,100 | 10,570 | 2.58 | 2.14 | 1,916 |
| 1963..... | 9,106 | 53,755 | 6,338 | 12,640 | 32,975 | 88,643 | 5,903 | 5,203 | 13,986 | 2.69 | 2.61 | 1,994 |
| 1964..... | 9,516 | 57,723 | 6,800 | 13,814 | 35,825 | 108,803 | 6,066 | 5,268 | 16,000 | 3.04 | 2.59 | 2,031 |
| 1965..... | 10,122 | 67,014 | 7,022 | 14,626 | 41,626 | 134,681 | 6,621 | 5,928 | 19,180 | 3.24 | 2.85 | 2,083 |
| South Carolina: | | | | | | | | | | | | |
| 1958..... | 3,770 | 14,430 | 3,044 | 6,284 | 10,325 | 23,918 | 3,828 | 3,392 | 7,857 | 2.32 | 1.64 | 2,064 |
| 1963..... | 8,586 | 43,250 | 6,740 | 14,407 | 30,798 | 74,135 | 5,037 | 4,569 | 10,999 | 2.41 | 2.14 | 2,138 |
| 1964..... | 9,875 | 46,258 | 7,891 | 16,480 | 31,868 | 93,652 | 4,684 | 4,039 | 11,868 | 2.94 | 1.93 | 2,088 |
| 1965..... | 10,813 | 53,576 | 8,309 | 17,838 | 34,858 | 100,918 | 4,955 | 4,195 | 12,146 | 2.90 | 1.95 | 2,147 |
| South Dakota: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 785 | 4,278 | 629 | 1,338 | 3,006 | 8,724 | 5,450 | 4,779 | 13,870 | 2.90 | 2.25 | 2,127 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee: | | | | | | | | | | | | |
| 1958..... | 8,013 | 37,037 | 6,090 | 11,404 | 24,940 | 64,987 | 4,622 | 4,095 | 10,671 | 2.61 | 2.19 | 1,873 |
| 1963..... | 10,045 | 55,158 | 7,581 | 15,303 | 37,245 | 108,487 | 5,491 | 4,913 | 14,310 | 2.91 | 2.43 | 2,019 |
| 1964..... | 10,739 | 59,829 | 8,376 | 16,773 | 41,492 | 123,288 | 5,571 | 4,954 | 14,719 | 2.97 | 2.47 | 2,003 |
| 1965..... | 11,438 | 64,785 | 9,032 | 18,293 | 44,511 | 140,819 | 5,664 | 4,928 | 15,591 | 3.16 | 2.43 | 2,025 |
| Texas: | | | | | | | | | | | | |
| 1958..... | 37,417 | 189,279 | 26,299 | 53,678 | 117,257 | 379,355 | 5,059 | 4,459 | 14,425 | 3.24 | 2.18 | 2,041 |
| 1963..... | 41,949 | 243,888 | 29,615 | 61,815 | 150,114 | 510,362 | 5,814 | 5,069 | 17,233 | 3.40 | 2.43 | 2,087 |
| 1964..... | 44,848 | 273,061 | 31,536 | 69,086 | 170,161 | 586,632 | 6,089 | 5,396 | 18,602 | 3.45 | 2.46 | 2,191 |
| 1965..... | 49,515 | 308,761 | 35,199 | 75,648 | 190,304 | 655,481 | 6,236 | 5,407 | 18,622 | 3.44 | 2.52 | 2,149 |
| Utah: | | | | | | | | | | | | |
| 1958..... | 2,258 | 11,233 | 1,463 | 2,772 | 7,013 | 25,341 | 4,975 | 4,794 | 17,321 | 3.61 | 2.53 | 1,895 |
| 1963..... | 3,150 | 18,218 | 2,072 | 4,293 | 11,835 | 33,689 | 5,783 | 5,712 | 16,259 | 2.85 | 2.76 | 2,072 |
| 1964..... | 3,542 | 20,292 | 2,582 | 5,280 | 13,415 | 34,674 | 5,729 | 5,196 | 13,429 | 2.58 | 2.54 | 2,045 |
| 1965..... | 4,367 | 26,363 | 2,987 | 6,180 | 16,366 | 40,900 | 6,037 | 5,479 | 13,693 | 2.50 | 2.65 | 2,069 |
| Vermont: | | | | | | | | | | | | |
| 1958..... | 6,134 | 29,538 | 4,302 | 8,027 | 18,413 | 41,155 | 4,815 | 4,280 | 9,566 | 2.24 | 2.29 | 1,866 |
| 1963..... | 6,398 | 39,925 | 4,507 | 9,141 | 24,248 | 68,140 | 6,240 | 5,380 | 15,119 | 2.81 | 2.65 | 2,028 |
| 1964..... | 6,651 | 41,660 | 4,643 | 9,265 | 25,531 | 62,606 | 6,264 | 5,499 | 13,484 | 2.45 | 2.76 | 1,995 |
| 1965..... | 7,216 | 45,171 | 5,035 | 10,082 | 28,728 | 82,101 | 6,260 | 5,706 | 16,306 | 2.86 | 2.85 | 2,002 |
| Virginia: | | | | | | | | | | | | |
| 1958..... | 3,777 | 15,887 | 2,835 | 5,376 | 10,792 | 28,649 | 4,206 | 3,807 | 10,105 | 2.65 | 2.01 | 1,896 |
| 1963..... | 5,764 | 28,965 | 4,314 | 8,862 | 19,424 | 58,896 | 5,025 | 4,503 | 13,652 | 3.03 | 2.19 | 2,054 |
| 1964..... | 6,347 | 33,485 | 4,871 | 10,216 | 23,283 | 66,572 | 5,388 | 4,797 | 14,748 | 3.07 | 2.35 | 2,040 |
| 1965..... | 7,139 | 38,466 | 5,557 | 11,339 | 26,659 | 81,956 | 5,388 | 4,797 | 14,748 | 3.07 | 2.35 | 2,040 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, MACHINERY, EXCEPT ELECTRICAL--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Washington: | | | | | | | | | | | | |
| 1958..... | 5,265 | 29,236 | 3,872 | 7,514 | 20,784 | 52,829 | 5,553 | 5,368 | 13,644 | 2.54 | 2.77 | 1,941 |
| 1963..... | 7,011 | 47,049 | 5,284 | 10,331 | 33,231 | 73,632 | 6,711 | 6,289 | 13,935 | 2.22 | 3.22 | 1,955 |
| 1964..... | 7,321 | 52,355 | 5,680 | 11,376 | 37,161 | 86,140 | 7,151 | 6,542 | 15,165 | 2.32 | 3.27 | 2,003 |
| 1965..... | 8,375 | 61,135 | 6,288 | 12,746 | 43,514 | 98,028 | 7,300 | 6,920 | 15,590 | 2.25 | 3.41 | 2,027 |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 3,751 | 19,172 | 2,919 | 5,276 | 13,578 | 28,852 | 5,111 | 4,652 | 9,884 | 2.12 | 2.57 | 1,807 |
| 1963..... | 3,919 | 21,728 | 3,019 | 5,812 | 15,549 | 36,974 | 5,544 | 5,150 | 12,247 | 2.38 | 2.68 | 1,925 |
| 1964..... | 3,999 | 23,929 | 3,166 | 6,080 | 17,105 | 41,888 | 5,984 | 5,403 | 13,231 | 2.45 | 2.81 | 1,920 |
| 1965..... | 4,154 | 22,486 | 3,036 | 5,600 | 16,011 | 37,132 | 5,413 | 5,274 | 12,231 | 2.32 | 2.86 | 1,845 |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 81,459 | 445,806 | 55,761 | 109,119 | 279,408 | 766,320 | 5,473 | 5,011 | 13,743 | 2.74 | 2.56 | 1,957 |
| 1963..... | 85,113 | 563,861 | 60,997 | 124,495 | 370,215 | 1,004,641 | 6,625 | 6,069 | 16,470 | 2.71 | 2.97 | 2,041 |
| 1964..... | 88,880 | 617,499 | 64,488 | 133,730 | 410,068 | 1,139,175 | 6,948 | 6,359 | 17,665 | 2.78 | 3.07 | 2,074 |
| 1965..... | 96,247 | 689,859 | 71,781 | 150,109 | 473,241 | 1,270,069 | 7,168 | 6,593 | 17,694 | 2.68 | 3.15 | 2,091 |
| Wyoming: | | | | | | | | | | | | |
| 1958..... | 127 | 613 | 101 | 180 | 407 | 1,336 | 4,827 | 4,030 | 13,228 | 3.28 | 2.26 | 1,782 |
| 1963..... | 74 | 332 | 59 | 120 | 269 | 809 | 4,486 | 4,559 | 13,712 | 3.01 | 2.24 | 2,034 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, ELECTRICAL MACHINERY

NOTE: Data for 1964 and 1965 may be subject to high standard errors of estimate. Consult Chapter 8 of the Annual Survey of Manufactures 1964 and 1965 for standard errors of estimate.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1958..... | 3,766 | 14,978 | 3,002 | 5,681 | 10,690 | 33,797 | 3,977 | 3,561 | 11,258 | 3.16 | 1.88 | 1,892 |
| 1963..... | 3,793 | 19,515 | 2,961 | 6,206 | 13,299 | 37,527 | 5,145 | 4,491 | 12,674 | 2.82 | 2.14 | 2,096 |
| 1964..... | 4,822 | 24,186 | 4,108 | 8,236 | 17,985 | 52,341 | 5,016 | 4,378 | 12,741 | 2.91 | 2.18 | 2,005 |
| 1965..... | 4,780 | 26,496 | 3,851 | 7,879 | 19,335 | 55,276 | 5,543 | 5,021 | 14,354 | 2.86 | 2.45 | 2,046 |
| Arizona: | | | | | | | | | | | | |
| 1958..... | 2,362 | 14,390 | 1,697 | 3,593 | 9,563 | 19,907 | 6,092 | 5,635 | 11,731 | 2.08 | 2.66 | 2,117 |
| 1963..... | 9,131 | 55,876 | 5,742 | 11,767 | 28,731 | 86,431 | 6,119 | 5,004 | 15,052 | 3.01 | 2.44 | 2,049 |
| 1964..... | 13,746 | 94,481 | 8,940 | 18,258 | 52,772 | 136,658 | 6,873 | 5,903 | 15,286 | 2.59 | 2.89 | 2,042 |
| 1965..... | 14,415 | 96,914 | 9,566 | 19,865 | 52,732 | 151,171 | 6,723 | 5,512 | 15,803 | 2.87 | 2.65 | 2,077 |
| Arkansas: | | | | | | | | | | | | |
| 1958..... | 2,914 | 10,580 | 2,575 | 5,137 | 8,274 | 29,214 | 3,631 | 3,213 | 11,345 | 3.53 | 1.61 | 1,995 |
| 1963..... | 7,599 | 29,216 | 6,596 | 12,948 | 22,636 | 79,169 | 3,845 | 3,432 | 12,003 | 3.50 | 1.75 | 1,963 |
| 1964..... | 7,782 | 29,785 | 6,741 | 13,287 | 24,082 | 94,432 | 3,827 | 3,572 | 14,009 | 3.92 | 1.81 | 1,971 |
| 1965..... | 8,692 | 34,661 | 7,082 | 13,678 | 26,182 | 81,599 | 3,988 | 3,697 | 11,522 | 3.12 | 1.91 | 1,931 |
| California: | | | | | | | | | | | | |
| 1958..... | 85,548 | 471,085 | 59,856 | 120,538 | 280,584 | 808,190 | 5,507 | 4,688 | 13,502 | 2.88 | 2.33 | 2,014 |
| 1963..... | 187,965 | 1,313,998 | 111,328 | 226,697 | 636,113 | 2,192,114 | 6,991 | 5,714 | 19,691 | 3.45 | 2.81 | 2,036 |
| 1964..... | 167,772 | 1,256,865 | 98,891 | 200,487 | 587,509 | 2,132,867 | 7,492 | 5,941 | 21,568 | 3.63 | 2.93 | 2,027 |
| 1965..... | 173,382 | 1,303,042 | 104,639 | 215,677 | 629,347 | 2,178,960 | 7,515 | 6,014 | 20,824 | 3.46 | 2.92 | 2,061 |
| Colorado: | | | | | | | | | | | | |
| 1958..... | 1,907 | 8,134 | 1,472 | 2,959 | 5,621 | 16,137 | 4,265 | 3,819 | 10,963 | 2.87 | 1.90 | 2,010 |
| 1963..... | 3,486 | 18,768 | 2,429 | 4,820 | 10,580 | 43,322 | 5,384 | 4,356 | 17,835 | 4.09 | 2.20 | 1,984 |
| 1964..... | 3,642 | 20,557 | 2,557 | 5,249 | 11,532 | 48,458 | 5,644 | 4,510 | 18,951 | 4.20 | 2.20 | 2,053 |
| 1965..... | 6,586 | 32,867 | 4,674 | 9,497 | 18,863 | 64,204 | 4,990 | 4,036 | 13,736 | 3.40 | 1.99 | 2,032 |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 31,687 | 150,474 | 22,599 | 44,601 | 92,530 | 302,857 | 4,749 | 4,094 | 13,401 | 3.27 | 2.07 | 1,974 |
| 1963..... | 42,931 | 247,736 | 29,925 | 59,192 | 143,264 | 475,467 | 5,771 | 4,787 | 15,889 | 3.32 | 2.42 | 1,978 |
| 1964..... | 41,831 | 246,412 | 28,728 | 59,420 | 143,432 | 473,088 | 5,891 | 4,993 | 16,468 | 3.30 | 2.41 | 2,068 |
| 1965..... | 45,254 | 268,081 | 31,820 | 67,195 | 156,837 | 497,598 | 5,924 | 4,929 | 15,638 | 3.17 | 2.33 | 2,112 |
| Delaware: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 539 | 2,717 | 439 | 834 | 1,811 | 8,399 | 5,041 | 4,125 | 19,132 | 4.64 | 2.17 | 1,900 |
| 1964..... | 516 | 2,633 | 401 | 782 | 1,477 | 7,011 | 5,103 | 3,683 | 17,484 | 4.75 | 1.89 | 1,950 |
| 1965..... | 732 | 3,615 | 610 | 1,109 | 2,557 | 8,629 | 4,939 | 4,192 | 14,146 | 3.37 | 2.31 | 1,818 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, ELECTRICAL MACHINERY--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Annual man-hours per production worker |
|-----------------------|------------------|--------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---------------------------------------|---|--|
| | Number | Payroll. (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Dist. of Col.: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 153 | 738 | 103 | 213 | 430 | 1,064 | 4,824 | 4,175 | 10,330 | 2.47 | 2.02 | 2,068 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida: | | | | | | | | | | | | |
| 1958..... | 5,046 | 22,695 | 3,728 | 7,338 | 14,106 | 37,536 | 4,498 | 3,784 | 10,069 | 2.66 | 1.92 | 1,968 |
| 1963..... | 15,125 | 104,381 | 8,726 | 18,081 | 44,107 | 153,347 | 6,901 | 5,055 | 17,574 | 3.48 | 2.44 | 2,072 |
| 1964..... | 16,954 | 111,928 | 9,199 | 18,417 | 47,047 | 174,709 | 6,602 | 5,114 | 18,992 | 3.71 | 2.55 | 2,002 |
| 1965..... | 17,160 | 113,869 | 9,256 | 18,589 | 46,904 | 169,866 | 6,636 | 5,067 | 18,352 | 3.62 | 2.52 | 2,008 |
| Georgia: | | | | | | | | | | | | |
| 1958..... | 3,808 | 18,458 | 2,856 | 5,606 | 11,683 | 41,313 | 4,847 | 4,091 | 14,465 | 3.54 | 2.08 | 1,963 |
| 1963..... | 5,359 | 29,404 | 3,852 | 7,926 | 18,196 | 73,308 | 5,487 | 4,724 | 19,031 | 4.03 | 2.30 | 2,058 |
| 1964..... | 6,071 | 33,639 | 4,462 | 8,977 | 21,478 | 82,735 | 5,541 | 4,814 | 18,542 | 3.85 | 2.39 | 2,012 |
| 1965..... | 6,665 | 39,163 | 4,821 | 10,130 | 24,269 | 102,748 | 5,876 | 5,034 | 21,313 | 4.23 | 2.40 | 2,101 |
| Illinois: | | | | | | | | | | | | |
| 1958..... | 162,255 | 788,636 | 114,493 | 223,446 | 486,450 | 1,455,423 | 4,860 | 4,249 | 12,712 | 2.99 | 2.18 | 1,952 |
| 1963..... | 188,200 | 932,048 | 125,346 | 244,306 | 593,376 | 1,797,715 | 5,541 | 4,734 | 14,342 | 3.03 | 2.43 | 1,949 |
| 1964..... | 169,777 | 979,028 | 126,529 | 250,650 | 627,770 | 1,861,013 | 5,767 | 4,961 | 14,708 | 2.96 | 2.50 | 1,981 |
| 1965..... | 187,698 | 1,110,057 | 143,031 | 285,201 | 733,112 | 2,185,646 | 5,914 | 5,126 | 15,281 | 2.98 | 2.57 | 1,994 |
| Indiana: | | | | | | | | | | | | |
| 1958..... | 75,974 | 377,022 | 59,013 | 114,948 | 263,265 | 680,987 | 4,963 | 4,461 | 11,540 | 2.59 | 2.29 | 1,948 |
| 1963..... | 91,105 | 550,254 | 73,382 | 146,942 | 402,451 | 1,125,703 | 6,040 | 5,484 | 15,340 | 2.80 | 2.74 | 2,002 |
| 1964..... | 94,150 | 581,536 | 76,498 | 152,312 | 423,565 | 1,182,956 | 6,177 | 5,537 | 15,464 | 2.79 | 2.78 | 1,991 |
| 1965..... | 106,066 | 688,053 | 87,468 | 177,688 | 512,446 | 1,468,496 | 6,487 | 5,859 | 16,789 | 2.87 | 2.88 | 2,031 |
| Iowa: | | | | | | | | | | | | |
| 1958..... | 14,765 | 69,761 | 10,767 | 21,839 | 43,943 | 163,748 | 4,725 | 4,081 | 15,208 | 3.73 | 2.01 | 2,028 |
| 1963..... | 19,635 | 107,380 | 12,896 | 25,918 | 61,772 | 252,644 | 5,469 | 4,790 | 19,591 | 4.09 | 2.38 | 2,010 |
| 1964..... | 19,628 | 112,050 | 12,751 | 25,828 | 63,592 | 264,463 | 5,709 | 4,987 | 20,741 | 4.16 | 2.46 | 2,026 |
| 1965..... | 22,128 | 136,494 | 14,947 | 30,548 | 75,153 | 291,181 | 6,168 | 5,028 | 19,481 | 3.87 | 2.46 | 2,044 |
| Kansas: | | | | | | | | | | | | |
| 1958..... | 1,457 | 5,693 | 1,205 | 2,318 | 4,238 | 11,291 | 3,907 | 3,517 | 9,370 | 2.66 | 1.83 | 1,924 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Kentucky: | | | | | | | | | | | | |
| 1958..... | 17,132 | 83,419 | 13,732 | 26,443 | 58,866 | 238,268 | 4,869 | 4,287 | 17,351 | 4.05 | 2.23 | 1,926 |
| 1963..... | 21,319 | 120,282 | 17,889 | 35,257 | 89,072 | 350,172 | 5,642 | 4,979 | 19,575 | 3.93 | 2.53 | 1,971 |
| 1964..... | 23,405 | 133,733 | 19,655 | 38,705 | 101,136 | 373,895 | 5,714 | 5,146 | 19,023 | 3.70 | 2.61 | 1,969 |
| 1965..... | 25,772 | 154,464 | 21,731 | 44,051 | 118,780 | 441,544 | 5,993 | 5,466 | 20,319 | 3.72 | 2.70 | 2,027 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, ELECTRICAL MACHINERY--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Louisiana: | | | | | | | | | | | | |
| 1958..... | 158 | 576 | 121 | 226 | 371 | 1,199 | 3,646 | 3,066 | 9,909 | 3.23 | 1.64 | 1,868 |
| 1963..... | 262 | 1,190 | 202 | 408 | 783 | 2,391 | 4,542 | 3,876 | 11,837 | 3.05 | 1.92 | 2,020 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Maine: | | | | | | | | | | | | |
| 1958..... | 862 | 2,905 | 708 | 1,363 | 2,145 | 5,528 | 3,370 | 3,030 | 7,808 | 2.58 | 1.57 | 1,925 |
| 1963..... | 2,036 | 8,028 | 1,655 | 3,395 | 5,617 | 10,724 | 3,943 | 3,394 | 6,480 | 1.91 | 1.65 | 2,051 |
| 1964..... | 1,123 | 4,645 | 924 | 1,895 | 3,209 | 12,023 | 4,136 | 3,473 | 13,012 | 3.75 | 1.69 | 2,051 |
| 1965..... | 1,116 | 4,855 | 923 | 1,867 | 3,400 | 10,915 | 4,350 | 3,684 | 11,826 | 3.21 | 1.82 | 2,023 |
| Maryland: | | | | | | | | | | | | |
| 1958..... | 16,635 | 97,122 | 9,921 | 19,594 | 48,258 | 152,112 | 5,838 | 4,864 | 15,332 | 3.15 | 2.46 | 1,975 |
| 1963..... | 26,871 | 187,297 | 14,960 | 30,162 | 84,714 | 312,625 | 6,970 | 5,663 | 20,897 | 3.69 | 2.81 | 2,016 |
| 1964..... | 24,768 | 180,655 | 12,439 | 25,032 | 74,178 | 282,203 | 7,294 | 5,963 | 22,687 | 3.80 | 2.96 | 2,012 |
| 1965..... | 24,634 | 187,386 | 13,165 | 26,284 | 78,414 | 290,861 | 7,607 | 5,956 | 22,094 | 3.71 | 2.98 | 1,997 |
| Massachusetts: | | | | | | | | | | | | |
| 1958..... | 73,352 | 339,410 | 53,165 | 105,821 | 210,845 | 607,868 | 4,627 | 3,966 | 11,434 | 2.88 | 1.99 | 1,990 |
| 1963..... | 96,183 | 572,522 | 63,235 | 125,907 | 316,566 | 985,805 | 5,952 | 5,006 | 15,590 | 3.11 | 2.51 | 1,991 |
| 1964..... | 90,512 | 550,273 | 60,390 | 119,322 | 305,851 | 995,222 | 6,080 | 5,065 | 16,480 | 3.25 | 2.56 | 1,976 |
| 1965..... | 93,775 | 591,614 | 64,194 | 127,536 | 333,744 | 1,087,516 | 6,309 | 5,199 | 16,941 | 3.26 | 2.62 | 1,987 |
| Michigan: | | | | | | | | | | | | |
| 1958..... | 27,179 | 144,181 | 19,785 | 39,113 | 93,053 | 253,817 | 5,305 | 4,703 | 12,829 | 2.73 | 2.38 | 1,977 |
| 1963..... | 32,231 | 193,759 | 25,267 | 51,624 | 135,396 | 376,278 | 6,012 | 5,359 | 14,892 | 2.78 | 2.62 | 2,043 |
| 1964..... | 32,369 | 210,037 | 25,311 | 53,667 | 148,040 | 404,693 | 6,489 | 5,849 | 15,989 | 2.73 | 2.76 | 2,120 |
| 1965..... | 34,689 | 226,815 | 27,094 | 57,450 | 158,388 | 453,972 | 6,539 | 5,846 | 16,755 | 2.87 | 2.76 | 2,120 |
| Minnesota: | | | | | | | | | | | | |
| 1958..... | 10,787 | 50,580 | 8,211 | 15,958 | 34,312 | 92,108 | 4,689 | 4,179 | 11,218 | 2.68 | 2.15 | 1,943 |
| 1963..... | 18,953 | 121,748 | 12,201 | 24,473 | 63,055 | 225,256 | 6,424 | 5,168 | 18,462 | 3.57 | 2.58 | 2,006 |
| 1964..... | 19,447 | 127,643 | 12,407 | 25,740 | 63,577 | 243,419 | 6,564 | 5,124 | 19,619 | 3.83 | 2.47 | 2,075 |
| 1965..... | 20,335 | 137,188 | 12,911 | 26,333 | 71,285 | 269,008 | 6,746 | 5,521 | 20,836 | 3.77 | 2.71 | 2,040 |
| Mississippi: | | | | | | | | | | | | |
| 1958..... | 3,000 | 10,849 | 2,566 | 5,311 | 7,831 | 27,920 | 3,616 | 3,052 | 10,881 | 3.57 | 1.47 | 2,070 |
| 1963..... | 5,559 | 19,568 | 4,718 | 8,808 | 14,710 | 49,433 | 3,520 | 3,118 | 10,478 | 3.36 | 1.67 | 1,867 |
| 1964..... | 6,387 | 24,205 | 5,272 | 10,896 | 18,081 | 63,809 | 3,790 | 3,430 | 12,103 | 3.53 | 1.66 | 2,067 |
| 1965..... | 7,275 | 29,533 | 6,411 | 13,362 | 23,496 | 67,038 | 4,060 | 3,665 | 10,457 | 2.85 | 1.76 | 2,084 |
| Missouri: | | | | | | | | | | | | |
| 1958..... | 21,717 | 98,570 | 16,348 | 31,617 | 64,895 | 171,586 | 4,539 | 3,970 | 10,496 | 2.64 | 2.05 | 1,934 |
| 1963..... | 24,081 | 128,983 | 18,610 | 37,657 | 87,929 | 227,391 | 5,356 | 4,725 | 12,219 | 2.59 | 2.33 | 2,023 |
| 1964..... | 23,401 | 132,837 | 18,127 | 37,386 | 89,366 | 277,741 | 5,677 | 4,930 | 15,322 | 3.11 | 2.39 | 2,062 |
| 1965..... | 24,769 | 148,469 | 19,531 | 40,387 | 99,814 | 289,548 | 5,994 | 5,111 | 14,825 | 2.90 | 2.47 | 2,068 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, ELECTRICAL MACHINERY--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker | |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|--|-------|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | | |
| Nebraska: | 1958..... | 3,349 | 14,364 | 2,623 | 5,168 | 9,349 | 22,796 | 4,289 | 3,564 | 8,691 | 2.44 | 1.81 | 1,970 |
| | 1963..... | 5,348 | 28,983 | 3,891 | 7,756 | 18,653 | 64,379 | 5,419 | 4,794 | 16,546 | 3.45 | 2.40 | 1,993 |
| | 1964..... | 5,275 | 29,870 | 3,875 | 7,900 | 19,518 | 67,719 | 5,663 | 5,037 | 17,476 | 3.47 | 2.47 | 2,039 |
| | 1965..... | 6,151 | 37,057 | 4,720 | 9,669 | 25,232 | 73,821 | 6,025 | 5,346 | 15,640 | 2.93 | 2.61 | 2,049 |
| | 1966..... | | | | | | | | | | | | |
| Nevada: | 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 1963..... | 267 | 1,225 | 222 | 417 | 844 | 1,636 | 4,588 | 3,802 | 7,369 | 1.94 | 2.02 | 1,878 |
| | 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 1966..... | | | | | | | | | | | | |
| New Hampshire: | 1958..... | 7,726 | 31,407 | 6,308 | 13,010 | 22,392 | 55,546 | 4,065 | 3,550 | 8,806 | 2.48 | 1.72 | 2,062 |
| | 1963..... | 11,508 | 58,862 | 8,840 | 17,441 | 38,735 | 100,912 | 5,115 | 4,382 | 11,415 | 2.61 | 2.22 | 1,973 |
| | 1964..... | 11,665 | 60,905 | 9,056 | 18,367 | 41,270 | 118,290 | 5,221 | 4,557 | 13,062 | 2.87 | 2.25 | 2,028 |
| | 1965..... | 11,765 | 62,500 | 9,253 | 18,866 | 43,560 | 132,535 | 5,312 | 4,708 | 14,323 | 3.04 | 2.31 | 2,039 |
| | 1966..... | | | | | | | | | | | | |
| New Jersey: | 1958..... | 107,696 | 556,653 | 75,609 | 147,879 | 340,476 | 875,573 | 5,169 | 4,503 | 11,580 | 2.57 | 2.30 | 1,956 |
| | 1963..... | 127,738 | 848,065 | 89,200 | 176,612 | 504,571 | 1,314,683 | 6,639 | 5,657 | 14,739 | 2.61 | 2.86 | 1,980 |
| | 1964..... | 116,610 | 798,094 | 80,629 | 157,353 | 471,934 | 1,224,049 | 6,844 | 5,853 | 15,181 | 2.59 | 3.00 | 1,952 |
| | 1965..... | 121,930 | 849,513 | 86,403 | 167,916 | 503,776 | 1,478,323 | 6,967 | 5,831 | 17,110 | 2.93 | 3.00 | 1,943 |
| | 1966..... | | | | | | | | | | | | |
| New Mexico: | 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 1963..... | 378 | 1,938 | 292 | 528 | 1,242 | 3,117 | 5,127 | 4,253 | 10,675 | 2.51 | 2.35 | 1,808 |
| | 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 1965..... | 778 | 4,112 | 571 | 1,202 | 2,734 | 6,079 | 5,285 | 4,788 | 10,646 | 2.22 | 2.27 | 2,105 |
| | 1966..... | | | | | | | | | | | | |
| New York: | 1958..... | 138,684 | 700,941 | 96,033 | 188,832 | 410,083 | 1,258,499 | 5,054 | 4,270 | 13,105 | 3.07 | 2.17 | 1,966 |
| | 1963..... | 185,978 | 1,225,235 | 117,660 | 232,683 | 628,932 | 1,959,554 | 6,588 | 5,345 | 16,654 | 3.12 | 2.70 | 1,978 |
| | 1964..... | 181,483 | 1,277,706 | 116,822 | 237,924 | 658,227 | 2,138,556 | 7,040 | 5,634 | 18,306 | 3.25 | 2.77 | 2,037 |
| | 1965..... | 196,498 | 1,399,292 | 125,811 | 256,388 | 717,265 | 2,420,093 | 7,121 | 5,701 | 19,236 | 3.37 | 2.80 | 2,038 |
| | 1966..... | | | | | | | | | | | | |
| North Carolina: | 1958..... | 13,846 | 59,621 | 9,909 | 19,544 | 36,177 | 143,130 | 4,306 | 3,651 | 14,444 | 3.96 | 1.85 | 1,972 |
| | 1963..... | 23,195 | 117,975 | 16,464 | 33,418 | 70,301 | 279,179 | 5,086 | 4,270 | 16,957 | 3.97 | 2.10 | 2,030 |
| | 1964..... | 23,019 | 118,884 | 16,792 | 33,399 | 73,519 | 288,082 | 5,165 | 4,378 | 17,156 | 3.92 | 2.20 | 1,989 |
| | 1965..... | 26,291 | 136,876 | 20,330 | 41,556 | 89,255 | 373,386 | 5,206 | 4,390 | 18,366 | 4.18 | 2.15 | 2,044 |
| | 1966..... | | | | | | | | | | | | |
| Ohio: | 1958..... | 108,122 | 570,576 | 81,038 | 158,159 | 384,065 | 1,143,242 | 5,277 | 4,739 | 14,107 | 2.98 | 2.43 | 1,952 |
| | 1963..... | 117,182 | 734,707 | 86,128 | 173,039 | 485,812 | 1,547,622 | 6,270 | 5,641 | 17,969 | 3.19 | 2.81 | 2,009 |
| | 1964..... | 114,471 | 753,260 | 84,974 | 172,521 | 505,933 | 1,599,277 | 6,580 | 5,954 | 18,821 | 3.16 | 2.93 | 2,030 |
| | 1965..... | 120,454 | 824,163 | 91,541 | 187,097 | 561,871 | 1,743,724 | 6,842 | 6,138 | 19,049 | 3.10 | 3.00 | 2,044 |
| | 1966..... | | | | | | | | | | | | |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, ELECTRICAL MACHINERY--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Oklahoma: | | | | | | | | | | | | |
| 1958..... | 2,151 | 9,254 | 1,615 | 2,996 | 6,100 | 19,088 | 4,282 | 3,777 | 11,819 | 3.13 | 2.04 | 1,855 |
| 1963..... | 9,489 | 57,626 | 6,293 | 12,458 | 23,884 | 105,802 | 6,073 | 3,795 | 16,813 | 4.43 | 1.92 | 1,980 |
| 1964..... | 7,664 | 48,390 | 5,821 | 11,647 | 22,217 | 99,931 | 6,314 | 3,817 | 17,167 | 4.50 | 1.91 | 2,001 |
| 1965..... | 6,839 | 44,791 | 4,711 | 9,686 | 25,607 | 87,710 | 6,549 | 5,436 | 18,618 | 3.43 | 2.64 | 2,056 |
| Oregon: | | | | | | | | | | | | |
| 1958..... | 2,467 | 13,977 | 1,867 | 3,639 | 9,263 | 28,960 | 5,666 | 4,961 | 15,512 | 3.13 | 2.55 | 1,945 |
| 1963..... | 5,759 | 33,295 | 3,682 | 6,546 | 17,815 | 55,381 | 5,781 | 4,838 | 15,041 | 3.11 | 2.72 | 1,778 |
| 1964..... | 5,315 | 34,173 | 3,221 | 6,041 | 16,612 | 65,504 | 6,430 | 5,157 | 20,337 | 3.94 | 2.75 | 1,876 |
| 1965..... | 5,455 | 40,580 | 3,225 | 6,401 | 20,760 | 73,498 | 7,439 | 6,437 | 22,790 | 3.54 | 3.24 | 1,985 |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 96,240 | 479,665 | 68,480 | 133,541 | 300,436 | 927,521 | 4,984 | 4,387 | 13,544 | 3.09 | 2.25 | 1,950 |
| 1963..... | 107,010 | 645,279 | 76,540 | 151,213 | 395,698 | 1,190,613 | 6,030 | 5,170 | 15,555 | 3.01 | 2.62 | 1,976 |
| 1964..... | 109,404 | 685,649 | 76,976 | 155,896 | 420,039 | 1,328,966 | 6,267 | 5,457 | 17,265 | 3.16 | 2.69 | 2,025 |
| 1965..... | 117,227 | 759,951 | 85,960 | 173,355 | 474,141 | 1,562,410 | 6,483 | 5,516 | 18,176 | 3.30 | 2.74 | 2,017 |
| Rhode Island: | | | | | | | | | | | | |
| 1958..... | 3,465 | 12,225 | 2,906 | 5,378 | 8,883 | 25,063 | 3,528 | 3,057 | 8,625 | 2.82 | 1.65 | 1,851 |
| 1963..... | 6,777 | 30,350 | 5,152 | 9,828 | 17,669 | 61,622 | 4,478 | 3,430 | 11,961 | 3.49 | 1.80 | 1,908 |
| 1964..... | 6,348 | 30,638 | 4,845 | 9,324 | 15,774 | 58,247 | 4,826 | 3,256 | 12,022 | 3.69 | 1.69 | 1,924 |
| 1965..... | 7,062 | 36,239 | 5,342 | 10,329 | 21,000 | 75,560 | 5,132 | 3,931 | 14,145 | 3.60 | 2.03 | 1,934 |
| South Carolina: | | | | | | | | | | | | |
| 1958..... | 1,715 | 5,644 | 1,365 | 2,651 | 3,881 | 12,337 | 3,291 | 2,843 | 9,038 | 3.18 | 1.46 | 1,942 |
| 1963..... | 5,612 | 20,742 | 4,447 | 8,497 | 13,573 | 33,007 | 3,696 | 3,052 | 7,422 | 2.43 | 1.60 | 1,911 |
| 1964..... | 6,269 | 24,281 | 4,979 | 9,785 | 16,033 | 53,443 | 3,873 | 3,220 | 10,734 | 3.33 | 1.64 | 1,965 |
| 1965..... | 7,686 | 31,562 | 5,951 | 12,347 | 21,468 | 75,375 | 4,106 | 3,607 | 12,666 | 3.51 | 1.74 | 2,075 |
| Tennessee: | | | | | | | | | | | | |
| 1958..... | 10,708 | 47,324 | 8,217 | 16,671 | 29,859 | 123,949 | 4,419 | 3,634 | 15,084 | 4.15 | 1.79 | 2,029 |
| 1963..... | 17,530 | 79,550 | 13,939 | 27,798 | 54,979 | 230,442 | 4,538 | 3,944 | 16,532 | 4.19 | 1.98 | 1,994 |
| 1964..... | 18,662 | 88,795 | 15,185 | 31,268 | 62,445 | 251,705 | 4,758 | 4,112 | 16,576 | 4.03 | 2.00 | 2,059 |
| 1965..... | 20,483 | 97,842 | 16,983 | 34,827 | 69,705 | 313,495 | 4,777 | 4,104 | 18,459 | 4.50 | 2.00 | 2,051 |
| Texas: | | | | | | | | | | | | |
| 1958..... | 10,024 | 49,164 | 7,014 | 14,474 | 28,605 | 94,020 | 4,905 | 4,078 | 13,405 | 3.29 | 1.98 | 2,064 |
| 1963..... | 25,804 | 152,012 | 17,603 | 37,127 | 85,635 | 291,547 | 5,891 | 4,865 | 16,562 | 3.40 | 2.31 | 2,109 |
| 1964..... | 27,560 | 164,331 | 18,533 | 40,013 | 93,009 | 288,453 | 5,963 | 5,019 | 15,564 | 3.10 | 2.32 | 2,159 |
| 1965..... | 35,456 | 207,685 | 23,371 | 51,105 | 115,664 | 385,531 | 5,858 | 4,949 | 16,496 | 3.33 | 2.26 | 2,187 |
| Utah: | | | | | | | | | | | | |
| 1958..... | 593 | 2,605 | 489 | 973 | 2,021 | 5,300 | 4,393 | 4,133 | 10,838 | 2.62 | 2.08 | 1,990 |
| 1963..... | 1,672 | 8,154 | 1,349 | 3,027 | 6,490 | 12,161 | 4,877 | 4,811 | 9,015 | 1.87 | 2.14 | 2,244 |
| 1964..... | 2,184 | 10,797 | 1,776 | 3,515 | 7,698 | 18,769 | 4,944 | 4,334 | 10,568 | 2.44 | 2.19 | 1,979 |
| 1965..... | 2,024 | 10,661 | 1,735 | 3,399 | 8,132 | 28,858 | 5,267 | 4,687 | 16,633 | 3.55 | 2.39 | 1,955 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, ELECTRICAL MACHINERY--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Vermont: | | | | | | | | | | | | |
| 1958..... | 1,397 | 6,082 | 1,087 | 2,143 | 3,982 | 9,015 | 4,354 | 3,663 | 8,293 | 2.26 | 1.86 | 1,971 |
| 1963..... | 1,871 | 10,174 | 1,451 | 2,888 | 6,678 | 19,939 | 5,438 | 4,602 | 13,742 | 2.99 | 2.31 | 1,990 |
| 1964..... | 1,832 | 10,713 | 1,395 | 2,759 | 6,618 | 38,745 | 5,848 | 4,744 | 27,774 | 5.85 | 2.40 | 1,978 |
| 1965..... | 3,211 | 20,581 | 2,064 | 4,243 | 8,712 | 103,068 | 6,410 | 4,221 | 49,936 | 11.83 | 2.05 | 2,056 |
| Virginia: | | | | | | | | | | | | |
| 1958..... | 5,960 | 27,947 | 3,413 | 7,010 | 12,057 | 69,819 | 4,689 | 3,533 | 20,457 | 5.79 | 1.72 | 2,054 |
| 1963..... | 16,909 | 97,299 | 11,143 | 21,953 | 50,777 | 180,664 | 5,754 | 4,557 | 16,213 | 3.56 | 2.31 | 1,970 |
| 1964..... | 16,418 | 103,900 | 10,355 | 21,751 | 53,339 | 181,268 | 6,328 | 5,151 | 17,505 | 3.40 | 2.45 | 2,101 |
| 1965..... | 17,596 | 108,055 | 11,436 | 23,881 | 57,393 | 207,348 | 6,141 | 5,019 | 18,131 | 3.61 | 2.40 | 2,088 |
| Washington: | | | | | | | | | | | | |
| 1958..... | 1,242 | 6,402 | 918 | 1,766 | 4,182 | 12,240 | 5,155 | 4,556 | 13,333 | 2.93 | 2.37 | 1,924 |
| 1963..... | 2,693 | 17,036 | 1,718 | 3,236 | 8,279 | 29,673 | 6,326 | 4,819 | 17,272 | 3.58 | 2.56 | 1,884 |
| 1964..... | 2,893 | 19,218 | 1,816 | 3,539 | 9,483 | 35,537 | 6,643 | 5,222 | 19,569 | 3.75 | 2.68 | 1,949 |
| 1965..... | 2,936 | 19,946 | 1,876 | 3,691 | 10,071 | 34,105 | 6,794 | 5,368 | 18,180 | 3.39 | 2.73 | 1,967 |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 3,516 | 17,024 | 2,018 | 6,055 | 13,610 | 53,224 | 4,842 | 4,510 | 17,636 | 3.91 | 2.25 | 2,006 |
| 1963..... | 4,470 | 25,138 | 3,770 | 7,806 | 19,382 | 62,427 | 5,624 | 5,141 | 16,559 | 3.22 | 2.48 | 2,071 |
| 1964..... | 5,332 | 30,565 | 4,473 | 9,143 | 23,129 | 73,969 | 5,732 | 5,171 | 16,537 | 3.20 | 2.53 | 2,044 |
| 1965..... | 5,854 | 34,745 | 4,933 | 10,017 | 26,506 | 98,524 | 5,935 | 5,373 | 19,972 | 3.72 | 2.65 | 2,031 |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 40,271 | 212,796 | 28,288 | 55,051 | 130,922 | 358,090 | 5,284 | 4,628 | 12,659 | 2.74 | 2.38 | 1,946 |
| 1963..... | 49,762 | 314,634 | 33,683 | 65,898 | 180,021 | 596,348 | 6,323 | 5,345 | 17,705 | 3.31 | 2.73 | 1,956 |
| 1964..... | 51,113 | 333,115 | 34,459 | 68,959 | 195,089 | 635,455 | 6,517 | 5,661 | 18,441 | 3.26 | 2.83 | 2,001 |
| 1965..... | 51,074 | 342,465 | 34,495 | 69,778 | 203,406 | 679,439 | 6,705 | 5,897 | 19,697 | 3.34 | 2.92 | 2,023 |

Table II-2a.--CAPITAL EXPENDITURES AND SELECTED RATIOS, MACHINERY, EXCEPT ELECTRICAL, BY STATE, 1958 AND 1963-65

| Industry and state | Capital expenditures (millions of dollars) | | | | | Average annual capital expendi- tures per \$1,000 of value added, 1963-65 (dollars) | Average annual capital expendi- tures per production worker, 1963-65 (dollars) | Percent distribu- tion of machinery, except electri- cal, capi- tal ex- penditures 1963-65 |
|--|---|------------------|----------|----------|----------|--|--|---|
| | 1958 | Total 1963-65 | 1963 | 1964 | 1965 | | | |
| All Manufacturing | 9,075.8 | 41,264.7 | 11,370.9 | 13,287.2 | 16,606.6 | 66 | 1,095 | ..... |
| Machinery, Except Electrical, Total | 676.4 | 2,946.2 | 783.1 | 939.4 | 1,223.8 | 49 | 880 | 100.0 |
| Alabama..... | 2.7 | n.a. | 2.3 | n.a. | 4.4 | n.a. | n.a. | n.a. |
| Alaska..... | n.a. | n.a. | Z | ..... | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | 3.5 | n.a. | 3.6 | 5.5 | n.a. | n.a. | n.a. | n.a. |
| Arkansas..... | 1.0 | n.a. | 1.4 | n.a. | 1.6 | n.a. | n.a. | n.a. |
| California..... | 51.2 | 178.1 | 51.7 | 55.2 | 71.2 | 49 | 940 | 6.1 |
| Colorado..... | 3.9 | 14.9 | 2.4 | 1.8 | 10.7 | 62 | 1,170 | 0.5 |
| Connecticut..... | 30.9 | 103.2 | 30.1 | 31.9 | 41.2 | 47 | 759 | 3.5 |
| Delaware..... | 1.0 | n.a. | 1.1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| District of Columbia | 0.1 | n.a. | 0.1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida..... | 2.9 | n.a. | 3.1 | n.a. | 4.5 | n.a. | n.a. | n.a. |
| Georgia..... | 2.3 | n.a. | 3.7 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Hawaii..... | Z | n.a. | 0.1 | (*) | (*) | n.a. | n.a. | n.a. |
| Idaho..... | 0.5 | n.a. | 0.2 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Illinois..... | 85.5 | 416.3 | 103.1 | 125.3 | 187.9 | 55 | 977 | 14.2 |
| Indiana..... | 33.6 | 121.3 | 34.0 | 33.2 | 54.1 | 53 | 931 | 4.1 |
| Iowa..... | 13.6 | 91.9 | 21.4 | 30.5 | 40.0 | 57 | 1,065 | 3.1 |
| Kansas..... | 4.1 | n.a. | 3.4 | n.a. | 6.1 | n.a. | n.a. | n.a. |
| Kentucky..... | 13.1 | 47.1 | 12.3 | 17.5 | 17.3 | 54 | 1,177 | 1.6 |
| Louisiana..... | 1.8 | n.a. | 1.8 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Maine..... | 0.9 | n.a. | 0.5 | 0.5 | n.a. | n.a. | n.a. | n.a. |
| Maryland..... | 4.9 | 23.2 | 6.1 | 5.2 | 11.9 | 48 | 880 | 0.8 |
| Massachusetts..... | 22.0 | 99.9 | 31.7 | 32.0 | 36.2 | 42 | 692 | 3.4 |
| Michigan..... | 60.7 | 261.0 | 66.4 | 83.2 | 111.4 | 43 | 806 | 8.9 |
| Minnesota..... | 14.4 | 87.5 | 31.4 | 23.3 | 32.8 | 51 | 1,115 | 3.0 |
| Mississippi..... | 1.0 | 9.5 | 2.4 | 2.7 | 4.4 | 56 | 746 | 0.3 |
| Missouri..... | 14.1 | 40.5 | 11.9 | 14.0 | 14.6 | 41 | 673 | 1.4 |
| Montana..... | 0.2 | n.a. | 0.1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nebraska..... | 1.2 | 6.6 | 1.4 | 1.0 | 4.2 | 35 | 740 | 0.2 |
| Nevada..... | 0.1 | n.a. | Z | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire..... | 3.4 | 11.2 | 3.9 | 4.3 | 3.0 | 41 | 593 | 0.4 |
| New Jersey..... | 20.9 | 102.3 | 28.2 | 33.4 | 40.7 | 45 | 813 | 3.5 |
| New Mexico..... | n.a. | n.a. | 0.3 | (*) | (*) | n.a. | n.a. | n.a. |
| New York..... | 70.1 | 302.4 | 74.9 | 94.6 | 132.9 | 44 | 1,086 | 10.3 |
| North Carolina..... | 3.5 | n.a. | 4.0 | n.a. | 8.3 | n.a. | n.a. | n.a. |
| North Dakota..... | (D) | n.a. | 0.3 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Ohio..... | 82.6 | 335.8 | 83.2 | 114.2 | 138.4 | 48 | 862 | 11.5 |
| Oklahoma..... | 3.3 | 25.8 | 5.6 | 12.2 | 8.0 | 66 | 1,037 | 0.9 |
| Oregon..... | 2.4 | n.a. | 2.1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Pennsylvania..... | 42.1 | n.a. | 67.5 | n.a. | 85.5 | n.a. | n.a. | n.a. |
| Rhode Island..... | 2.7 | n.a. | 3.6 | 8.9 | n.a. | n.a. | n.a. | n.a. |
| South Carolina..... | 1.6 | 19.2 | 4.7 | 4.6 | 9.9 | 71 | 837 | 0.7 |
| South Dakota..... | (D) | n.a. | 0.2 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee..... | 4.5 | 20.0 | 6.4 | 5.0 | 8.6 | 54 | 800 | 0.7 |
| Texas..... | 23.9 | n.a. | 17.9 | n.a. | 31.7 | n.a. | n.a. | n.a. |
| Utah..... | 1.2 | 5.5 | 0.6 | 2.0 | 2.9 | 50 | 720 | 0.2 |
| Vermont..... | 1.8 | n.a. | 2.8 | 2.5 | n.a. | n.a. | n.a. | n.a. |
| Virginia..... | 1.7 | n.a. | 4.0 | (*) | 5.5 | n.a. | n.a. | n.a. |
| Washington..... | 2.8 | n.a. | 3.0 | n.a. | 3.0 | n.a. | n.a. | n.a. |
| West Virginia..... | 1.0 | n.a. | 1.7 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Wisconsin..... | 35.0 | 149.3 | 40.8 | 44.9 | 63.6 | 44 | 757 | 5.1 |
| Wyoming..... | 0.2 | n.a. | 0.1 | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-2b.--CAPITAL EXPENDITURES AND SELECTED RATIOS, ELECTRICAL MACHINERY, BY STATE, 1958 AND 1963-65

| Industry and state | Capital expenditures (millions of dollars) | | | | | Average annual capital expendi- tures per \$1,000 of value added, 1963-65 (dollars) | Average annual capital expendi- tures per production workers, 1963-65 (dollars) | Percent distribu- tion of electrical machinery capital expendi- tures 1963-65 |
|---------------------------------------|---|------------------|----------|----------|----------|--|---|---|
| | 1958 | Total 1963-65 | 1963 | 1964 | 1965 | | | |
| All Manufacturing | 9,075.8 | 41,264.7 | 11,370.9 | 13,287.2 | 16,606.6 | 66 | 1,095 | ..... |
| Electrical Machin- ery, Total..... | 449.9 | 2,499.3 | 701.9 | 761.3 | 1,036.1 | 45 | 777 | 100.0 |
| Alabama..... | 1.0 | n.a. | 1.8 | n.a. | 1.9 | n.a. | n.a. | n.a. |
| Alaska..... | n.a. | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | 1.3 | (D) | (D) | (D) | (D) | n.a. | n.a. | n.a. |
| Arkansas..... | 1.6 | 13.4 | 3.2 | 4.1 | 6.1 | 53 | 656 | 0.5 |
| California..... | 40.4 | 267.8 | 103.3 | 87.4 | 77.1 | 40 | 851 | 10.7 |
| Colorado..... | 1.0 | (D) | (D) | (D) | (D) | n.a. | n.a. | n.a. |
| Connecticut..... | 9.0 | 56.1 | 17.4 | 16.6 | 22.1 | 39 | 620 | 2.2 |
| Delaware..... | (D) | 2.3 | 1.0 | 1.0 | 0.3 | n.a. | n.a. | n.a. |
| District of Columbia | (D) | n.a. | Z | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida..... | 4.6 | n.a. | 10.4 | n.a. | 12.6 | n.a. | n.a. | n.a. |
| Georgia..... | 1.4 | 8.2 | 1.9 | 2.0 | 4.3 | 32 | 624 | 0.3 |
| Hawaii..... | Z | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Idaho..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Illinois..... | 61.4 | 250.5 | 74.2 | 66.1 | 110.2 | 43 | 634 | 10.0 |
| Indiana..... | 24.8 | 197.5 | 43.5 | 64.0 | 90.0 | 52 | 832 | 7.9 |
| Iowa..... | (D) | 23.8 | 6.3 | 5.8 | 11.7 | 29 | 586 | 0.9 |
| Kansas..... | 4.1 | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Kentucky..... | 5.0 | 43.4 | 10.1 | 11.3 | 22.0 | 37 | 732 | 1.7 |
| Louisiana..... | 0.3 | n.a. | 0.1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Maine..... | (D) | 1.1 | 0.5 | 0.1 | 0.5 | 33 | 314 | 0.0 |
| Maryland..... | 5.6 | 23.3 | 8.3 | 6.5 | 8.5 | 26 | 574 | 0.9 |
| Massachusetts..... | 26.3 | 116.9 | 36.7 | 33.8 | 46.4 | 38 | 622 | 4.7 |
| Michigan..... | 6.9 | 47.6 | 13.4 | 14.0 | 20.2 | 39 | 613 | 1.9 |
| Minnesota..... | 2.5 | 28.9 | 7.6 | 11.2 | 10.1 | 39 | 770 | 1.2 |
| Mississippi..... | 1.0 | 16.5 | 4.2 | 4.4 | 7.9 | 92 | 1,006 | 0.7 |
| Missouri..... | 5.0 | 41.2 | 10.8 | 9.3 | 21.1 | 52 | 732 | 1.6 |
| Montana..... | (D) | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nebraska..... | (D) | 6.0 | 2.6 | 1.7 | 1.7 | 29 | 480 | 0.2 |
| Nevada..... | (D) | n.a. | 0.1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire..... | 2.3 | 15.5 | 4.0 | 5.8 | 5.7 | 44 | 581 | 0.6 |
| New Jersey..... | 42.3 | 138.5 | 45.3 | 37.8 | 55.4 | 34 | 540 | 5.5 |
| New Mexico..... | (D) | n.a. | 0.3 | (*) | 0.4 | n.a. | n.a. | n.a. |
| New York..... | 37.8 | 342.3 | 75.8 | 122.9 | 143.6 | 53 | 950 | 13.7 |
| North Carolina..... | 6.7 | 43.5 | 13.1 | 13.9 | 16.5 | 46 | 812 | 1.7 |
| North Dakota..... | (D) | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Ohio..... | 54.7 | 211.1 | 51.8 | 61.7 | 97.6 | 43 | 804 | 8.4 |
| Oklahoma..... | 2.4 | 15.4 | 3.5 | 3.1 | 8.8 | 52 | 915 | 0.6 |
| Oregon..... | 4.1 | 9.9 | 3.2 | 1.8 | 4.9 | 51 | 977 | 0.4 |
| Pennsylvania..... | 38.6 | 215.9 | 58.4 | 66.5 | 91.0 | 53 | 901 | 8.6 |
| Rhode Island..... | 0.7 | n.a. | 1.2 | 2.5 | n.a. | n.a. | n.a. | n.a. |
| South Carolina..... | 0.9 | 13.8 | 3.1 | 3.8 | 6.9 | 85 | 897 | 0.6 |
| South Dakota..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee..... | 5.8 | 30.2 | 8.7 | 8.4 | 13.1 | 38 | 654 | 1.2 |
| Texas..... | 4.9 | 59.5 | 16.2 | 15.9 | 27.4 | 62 | 1,000 | 2.4 |
| Utah..... | 0.7 | 1.2 | 0.3 | 0.5 | 0.4 | 20 | 247 | 0.04 |
| Vermont..... | (D) | 21.6 | 0.9 | 2.5 | 18.2 | 133 | 4,399 | 0.9 |
| Virginia..... | 1.2 | 17.4 | 6.0 | 5.8 | 5.6 | 31 | 528 | 0.7 |
| Washington..... | 0.6 | n.a. | 1.2 | n.a. | 1.7 | n.a. | n.a. | n.a. |
| West Virginia..... | 1.8 | 16.9 | 4.7 | 6.1 | 6.1 | 72 | 1,283 | 0.7 |
| Wisconsin..... | 12.6 | 85.4 | 25.1 | 26.2 | 34.1 | 45 | 832 | 3.4 |
| Wyoming..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-3.--NUMBER OF COMPANIES AND ESTABLISHMENTS MACHINERY, EXCEPT ELECTRICAL,
AND ELECTRICAL MACHINERY, BY FOUR-DIGIT INDUSTRY, 1963

| SIC code | Title | Number of companies | Number of establishments | |
|-------------|--|---------------------------|--------------------------|-------------------------|
| | | | Total | 20 or more employees |
| 3511 | Steam Engines and Turbines..... | 17 | 22 | 21 |
| 3519 | Internal Combustion Engines..... | 120 | 143 | 81 |
| 3522 | Farm Machinery and Equipment..... | 1,481 | 1,568 | 558 |
| 3531 | Construction Machinery..... | 561 | 617 | 305 |
| 3532 | Mining Machinery and Equipment..... | 198 | 204 | 93 |
| 3533 | Oil Field Machinery Equipment..... | 373 | 408 | 176 |
| 3534 | Elevators and Moving Stairways..... | 126 | 142 | 74 |
| 3535 | Conveyors..... | 428 | 454 | 175 |
| 3536 | Hoists, Cranes and Monorails..... | 120 | 120 | 56 |
| 3537 | Industrial Trucks and Tractors..... | 304 | 314 | 108 |
| 3541 | Metal-Cutting Machine Tools..... | 784 | 801 | 269 |
| 3542 | Metal-Forming Machine Tools..... | 362 | 366 | 146 |
| 3544 | Special Dies and Tools..... | 5,850 | 5,896 | 1,133 |
| 3545 | Machine Tool Accessories..... | 983 | 1,038 | 347 |
| 3548 | Metal-Working Machinery, n.e.c..... | 420 | 435 | 168 |
| 3551 | Food Products Machinery..... | 649 | 681 | 279 |
| 3552 | Textile Machinery..... | 529 | 561 | 216 |
| 3553 | Woodworking Machinery..... | 245 | 249 | 91 |
| 3554 | Paper Industries Machinery..... | 204 | 217 | 92 |
| 3555 | Printing Trades Machinery..... | 463 | 490 | 136 |
| 3559 | Special Industry Machinery, n.e.c..... | 1,074 | 1,092 | 388 |
| 3561 | Pumps, Air and Gas Compressors and Pumping Equipment.. | 589 | 642 | 267 |
| 3562 | Ball and Roller Bearings..... | 93 | 125 | 93 |
| 3564 | Blowers and Fans..... | 225 | 237 | 97 |
| 3565 | Industrial Patterns..... | 1,206 | 1,209 | 106 |
| 3566 | Power Transmission Equipment..... | 498 | 532 | 272 |
| 3567 | Industrial Furnaces and Ovens..... | 229 | 238 | 93 |
| 3569 | General Industry Machinery, n.e.c..... | 754 | 777 | 277 |
| 3571 | Computing and Related Machines..... | 213 | 248 | 139 |
| 3572 | Typewriters..... | 17 | 21 | 16 |
| 3576 | Scales and Balances..... | 81 | 85 | 35 |
| 3579 | Office Machines, n.e.c..... | 158 | 161 | 75 |
| 358X | Service Industry Machines, n.e.c..... | 496 | 506 | 142 |
| 3581 | Automatic Vending Machines..... | 148 | 158 | 68 |
| 3582 | Commercial Laundry Equipment..... | 107 | 115 | 58 |
| 3585 | Refrigeration Machinery..... | 655 | 698 | 347 |
| 3586 | Measuring and Dispensing Pumps..... | 42 | 43 | 27 |
| 3599 | Miscellaneous Machinery..... | 12,032 | 12,090 | 1,402 |
| 3611 | Electric Measuring Instruments..... | 536 | 560 | 209 |
| 3612 | Transformers..... | 144 | 177 | 99 |
| 3613 | Switchgear and Switchboards..... | 338 | 400 | 214 |
| 3621 | Motors and Generators..... | 316 | 384 | 244 |
| 3622 | Industrial Controls..... | 421 | 427 | 118 |
| 3623 | Welding Apparatus..... | 133 | 149 | 75 |
| 3624 | Carbon and Graphite Products..... | 40 | 53 | 40 |
| 3629 | Electric Industrial Goods, n.e.c..... | 226 | 231 | 109 |
| 3631 | Household Cooking Equipment..... | 77 | 83 | 53 |
| 3632 | Household Refrigerators..... | 31 | 34 | 25 |
| 3633 | Household Laundry Equipment..... | 31 | 39 | 28 |
| 3634 | Electrical Housewares and Fans..... | 286 | 312 | 136 |

Table II-3.--NUMBER OF COMPANIES AND ESTABLISHMENTS MACHINERY, EXCEPT ELECTRICAL,
AND ELECTRICAL MACHINERY, BY FOUR-DIGIT INDUSTRY, 1963--Con.

| SIC code | Title | Number of companies | Number of establishments | |
|-------------|---|---------------------------|--------------------------|-------------------------|
| | | | Total | 20 or more employees |
| 3635 | Household Vacuum Cleaners..... | 34 | 34 | 13 |
| 3636 | Sewing Machines..... | 83 | 86 | 17 |
| 3639 | Household Appliances, n.e.c..... | 102 | 112 | 67 |
| 3641 | Electric Lamps..... | 54 | 81 | 50 |
| 3642 | Lighting Fixtures..... | 1,203 | 1,239 | 480 |
| 3643 | Current Carrying Devices..... | 431 | 449 | 180 |
| 3644 | Noncurrent Carrying Devices..... | 168 | 182 | 103 |
| 3651 | Radio and TV Receiving Sets..... | 322 | 348 | 178 |
| 3652 | Phonograph Records..... | 128 | 167 | 60 |
| 3661 | Telephone Telegraph Apparatus..... | 65 | 90 | 56 |
| 3662 | Radio, TV Communications Equipment..... | 1,001 | 1,132 | 635 |
| 3671 | Electron Tubes, Receiving Type..... | 30 | 42 | 22 |
| 3672 | Cathode Ray Picture Tubes..... | 148 | 151 | 28 |
| 3673 | Electron Tubes, Transmitting..... | 45 | 57 | 45 |
| 3674 | Semiconductors..... | 86 | 107 | 87 |
| 3679 | Electronic Components..... | 1,743 | 1,934 | 968 |
| 3691 | Storage Batteries..... | 169 | 252 | 120 |
| 3692 | Primary Batteries, Dry and Wet..... | 26 | 46 | 29 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 56 | 58 | 30 |
| 3694 | Engine Electrical Equipment..... | 163 | 182 | 98 |
| 3699 | Electrical Products, n.e.c..... | 245 | 350 | 106 |

TABLE II-4.-GENERAL STATISTICS AND SELECTED RATIOS, MACHINERY, EXCEPT ELECTRICAL, AND ELECTRICAL MACHINERY, BY 4-DIGIT INDUSTRY, 1958-66

MACHINERY, EXCEPT ELECTRICAL

SIC 3511 STEAM ENGINES & TURBINES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 45,347 | 274,589 | 29,319 | 57,791 | 172,091 | 568,643 | 20,492 |
| 1959 | 40,320 | 260,024 | 25,480 | 50,025 | 155,127 | 497,613 | 18,666 |
| 1960 | 36,616 | 244,930 | 23,437 | 44,712 | 142,794 | 505,514 | 16,531 |
| 1961 | 33,847 | 238,478 | 21,082 | 41,082 | 138,022 | 419,960 | 18,977 |
| 1962 | 33,133 | 245,573 | 21,108 | 41,287 | 145,233 | 408,389 | 16,700 |
| 1963 | 30,917 | 237,519 | 19,894 | 38,933 | 141,738 | 379,875 | 19,394 |
| 1964 | 32,637 | 263,977 | 21,726 | 42,445 | 164,386 | 458,417 | 14,199 |
| 1965 | 34,641 | 285,127 | 23,756 | 47,836 | 182,147 | 476,990 | 29,255 |
| 1966 | 34,436 | 299,542 | 23,809 | 49,743 | 192,570 | 504,763 | 33,823 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 59.1 | 6,055 | 5,870 | 32,804 | 19,395 | 3.304 | 2.978 | 1,971 |
| 1959 | 61.1 | 6,449 | 6,088 | 31,945 | 19,530 | 3.208 | 3.101 | 1,963 |
| 1960 | 66.7 | 6,689 | 6,093 | 32,354 | 21,569 | 3.540 | 3.194 | 1,908 |
| 1961 | 60.3 | 7,046 | 6,547 | 33,012 | 19,920 | 3.043 | 3.360 | 1,949 |
| 1962 | 62.1 | 7,412 | 6,880 | 31,160 | 19,348 | 2.812 | 3.518 | 1,956 |
| 1963 | 61.6 | 7,682 | 7,125 | 30,985 | 19,095 | 2.680 | 3.641 | 1,957 |
| 1964 | 61.5 | 8,088 | 7,566 | 34,282 | 21,100 | 2.789 | 3.873 | 1,954 |
| 1965 | 60.1 | 8,231 | 7,667 | 33,419 | 20,079 | 2.619 | 3.808 | 2,014 |
| 1966 | 58.2 | 8,699 | 8,088 | 36,423 | 21,201 | 2.621 | 3.871 | 2,089 |

SIC 3519 INTERNAL COMBUSTION ENGINES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 52,004 | 286,816 | 42,607 | 72,564 | 190,997 | 520,443 | 50,628 |
| 1959 | 55,878 | 336,590 | 50,489 | 84,412 | 228,952 | 656,068 | 35,609 |
| 1960 | 50,003 | 297,477 | 43,599 | 71,157 | 199,009 | 520,411 | 24,729 |
| 1961 | 46,139 | 280,928 | 40,184 | 65,291 | 184,102 | 501,018 | 31,993 |
| 1962 | 53,112 | 335,514 | 41,150 | 78,493 | 231,211 | 623,294 | 30,152 |
| 1963 | 55,687 | 371,800 | 41,754 | 84,996 | 260,005 | 733,628 | 34,751 |
| 1964 | 58,156 | 402,393 | 42,109 | 85,591 | 268,419 | 823,254 | 45,861 |
| 1965 | 59,163 | 426,734 | 44,519 | 89,475 | 292,360 | 912,931 | 58,823 |
| 1966 | 64,146 | 494,006 | 48,126 | 102,290 | 349,449 | 1,074,662 | 71,796 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 49.3 | 5,515 | 4,483 | 24,778 | 12,215 | 2.725 | 2.632 | 1,703 |
| 1959 | 50.6 | 6,024 | 4,535 | 25,686 | 12,994 | 2.866 | 2.712 | 1,672 |
| 1960 | 44.9 | 5,949 | 4,565 | 26,573 | 11,936 | 2.615 | 2.797 | 1,632 |
| 1961 | 46.4 | 6,089 | 4,581 | 26,875 | 12,468 | 2.721 | 2.820 | 1,625 |
| 1962 | 47.3 | 6,317 | 5,619 | 32,003 | 15,147 | 2.696 | 2.946 | 1,907 |
| 1963 | 49.8 | 6,677 | 6,227 | 35,292 | 17,570 | 2.822 | 3.059 | 2,036 |
| 1964 | 50.7 | 6,919 | 6,374 | 38,524 | 19,551 | 3.067 | 3.136 | 2,033 |
| 1965 | 51.6 | 7,213 | 6,567 | 39,732 | 20,507 | 3.123 | 3.268 | 2,010 |
| 1966 | 52.4 | 7,701 | 7,261 | 42,648 | 22,330 | 3.075 | 3.416 | 2,125 |

SIC 3522 FARM MACHINERY & EQUIPMENT

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 108,586 | 550,998 | 79,922 | 153,962 | 373,240 | 1,087,836 | 54,655 |
| 1959 | 113,153 | 617,791 | 84,803 | 167,685 | 423,986 | 1,172,210 | 42,824 |
| 1960 | 99,115 | 540,245 | 71,110 | 141,666 | 355,533 | 941,021 | 55,636 |
| 1961 | 102,538 | 579,271 | 76,371 | 150,710 | 382,040 | 1,057,083 | 45,946 |
| 1962 | 106,222 | 618,178 | 77,139 | 151,709 | 413,012 | 1,205,892 | 42,999 |
| 1963 | 112,614 | 689,122 | 84,650 | 168,911 | 476,827 | 1,328,381 | 64,431 |
| 1964 | 118,621 | 769,929 | 90,215 | 181,852 | 538,261 | 1,526,068 | 83,594 |
| 1965 | 123,241 | 818,952 | 93,941 | 188,710 | 573,088 | 1,682,339 | 86,708 |
| 1966 | 137,341 | 966,333 | 105,181 | 213,670 | 679,389 | 2,057,136 | 108,933 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 44.9 | 5,074 | 4,670 | 30,303 | 13,611 | 2.915 | 2.424 | 1,926 |
| 1959 | 45.8 | 5,460 | 5,000 | 30,182 | 13,823 | 2.765 | 2.528 | 1,977 |
| 1960 | 43.5 | 5,451 | 5,000 | 30,413 | 13,233 | 2.647 | 2.510 | 1,992 |
| 1961 | 45.2 | 5,649 | 5,002 | 30,634 | 13,841 | 2.767 | 2.535 | 1,973 |
| 1962 | 48.6 | 5,820 | 5,354 | 32,175 | 15,633 | 2.920 | 2.722 | 1,967 |
| 1963 | 46.7 | 6,119 | 5,633 | 33,576 | 15,693 | 2.786 | 2.823 | 1,995 |
| 1964 | 47.6 | 6,491 | 5,966 | 35,516 | 16,916 | 2.835 | 2.960 | 2,016 |
| 1965 | 47.7 | 6,645 | 6,101 | 37,573 | 17,908 | 2.936 | 3.037 | 2,009 |
| 1966 | 47.5 | 7,036 | 6,459 | 41,186 | 19,558 | 3.028 | 3.180 | 2,031 |

SIC 3531 CONSTRUCTION MACHINERY

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 95,304 | 496,751 | 66,510 | 124,622 | 310,252 | 1,022,801 | 2,107,352 | 45,377 |
| 1959 | 112,809 | 654,886 | 81,240 | 166,059 | 435,200 | 1,179,894 | 2,517,379 | 66,108 |
| 1960 | 111,713 | 636,645 | 78,067 | 152,464 | 412,615 | 930,715 | 2,254,164 | 71,317 |
| 1961 | 94,954 | 570,135 | 67,169 | 131,360 | 366,198 | 972,120 | 2,150,450 | 41,384 |
| 1962 | 98,996 | 631,091 | 71,317 | 142,334 | 416,760 | 1,142,868 | 2,369,864 | 49,835 |
| 1963 | 104,520 | 683,728 | 76,526 | 155,267 | 462,411 | 1,301,266 | 2,696,039 | 56,227 |
| 1964 | 116,255 | 790,081 | 86,628 | 177,701 | 544,147 | 1,590,125 | 3,200,070 | 74,148 |
| 1965 | 121,464 | 850,030 | 90,763 | 185,959 | 590,744 | 1,744,955 | 3,545,551 | 105,513 |
| 1966 | 121,235 | 899,033 | 92,053 | 192,841 | 632,406 | 1,880,728 | 3,767,753 | 129,826 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 48.5 | 5,212 | 4,665 | 31,685 | 15,378 | 3.297 | 2.490 | 1,874 |
| 1959 | 46.9 | 5,805 | 5,357 | 30,987 | 14,524 | 2.711 | 2.621 | 2,044 |
| 1960 | 41.3 | 5,699 | 5,285 | 28,875 | 11,922 | 2.256 | 2.706 | 1,953 |
| 1961 | 45.2 | 6,004 | 5,452 | 32,016 | 14,473 | 2.655 | 2.788 | 1,956 |
| 1962 | 48.2 | 6,375 | 5,844 | 33,230 | 16,025 | 2.742 | 2.928 | 1,996 |
| 1963 | 48.3 | 6,542 | 6,043 | 35,230 | 17,004 | 2.814 | 2.978 | 2,029 |
| 1964 | 49.7 | 6,796 | 6,281 | 36,940 | 18,356 | 2.922 | 3.062 | 2,051 |
| 1965 | 49.2 | 6,998 | 6,509 | 39,064 | 19,225 | 2.954 | 3.177 | 2,049 |
| 1966 | 49.9 | 7,416 | 6,870 | 40,930 | 20,431 | 2.974 | 3.279 | 2,095 |

SIC 3532 MINING MACHINERY & EQUIPMENT

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 17,808 | 96,966 | 11,661 | 22,578 | 56,423 | 165,831 | 342,035 | 6,507 |
| 1959 | 18,103 | 104,298 | 12,025 | 23,720 | 61,322 | 204,572 | 399,549 | 6,017 |
| 1960 | 19,584 | 115,494 | 12,846 | 25,294 | 65,927 | 209,660 | 406,946 | N.A. |
| 1961 | 19,818 | 122,015 | 12,328 | 25,116 | 65,774 | 220,305 | 427,479 | 7,411 |
| 1962 | 19,087 | 120,847 | 11,853 | 24,015 | 66,989 | 205,689 | 402,425 | 6,515 |
| 1963 | 16,910 | 109,531 | 11,814 | 23,289 | 67,669 | 215,406 | 417,616 | 6,847 |
| 1964 | 18,671 | 123,594 | 13,009 | 25,930 | 76,343 | 241,189 | 475,695 | 7,847 |
| 1965 | 20,272 | 138,099 | 14,009 | 28,275 | 87,554 | 269,245 | 545,123 | 9,554 |
| 1966 | 21,552 | 155,109 | 15,191 | 31,351 | 99,195 | 306,330 | 630,399 | 19,392 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 48.5 | 5,445 | 4,839 | 29,332 | 14,221 | 2.939 | 2.499 | 1,936 |
| 1959 | 51.2 | 5,761 | 5,100 | 33,227 | 17,012 | 3.336 | 2.585 | 1,973 |
| 1960 | 51.5 | 5,897 | 5,132 | 31,679 | 16,321 | 3.180 | 2.606 | 1,969 |
| 1961 | 51.5 | 6,157 | 5,335 | 34,675 | 17,870 | 3.349 | 2.619 | 2,037 |
| 1962 | 51.1 | 6,331 | 5,652 | 33,951 | 17,353 | 3.070 | 2.789 | 2,026 |
| 1963 | 51.6 | 6,477 | 5,728 | 35,349 | 18,233 | 3.183 | 2.906 | 1,971 |
| 1964 | 50.7 | 6,620 | 5,868 | 36,567 | 18,540 | 3.159 | 2.944 | 1,993 |
| 1965 | 49.4 | 6,812 | 6,250 | 38,912 | 19,219 | 3.075 | 3.097 | 2,018 |
| 1966 | 48.6 | 7,197 | 6,530 | 41,498 | 20,165 | 3.088 | 3.164 | 2,064 |

SIC 3533 OIL FIELD MACHINERY & EQUIPMENT

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 31,878 | 174,692 | 20,724 | 41,215 | 101,916 | 336,788 | 585,268 | 18,341 |
| 1959 | 33,042 | 194,534 | 21,934 | 45,875 | 114,307 | 400,068 | 654,086 | 20,203 |
| 1960 | 31,157 | 187,416 | 20,147 | 43,086 | 108,295 | 369,962 | 615,108 | 16,071 |
| 1961 | 27,237 | 169,223 | 17,708 | 38,526 | 98,023 | 352,644 | 587,450 | N.A. |
| 1962 | 28,454 | 179,287 | 18,591 | 41,034 | 106,351 | 381,660 | 625,265 | N.A. |
| 1963 | 29,203 | 184,288 | 20,114 | 41,409 | 113,526 | 398,152 | 666,532 | 11,321 |
| 1964 | 30,750 | 203,703 | 21,008 | 45,110 | 125,059 | 463,649 | 733,783 | 25,247 |
| 1965 | 34,940 | 234,219 | 24,404 | 52,860 | 146,250 | 506,635 | 816,158 | 24,557 |
| 1966 | 35,995 | 248,315 | 24,711 | 53,154 | 152,414 | 513,660 | 846,010 | 28,417 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 57.5 | 5,480 | 4,918 | 28,241 | 16,251 | 3.305 | 2.473 | 1,989 |
| 1959 | 61.2 | 5,887 | 5,211 | 29,821 | 18,240 | 3.500 | 2.492 | 2,092 |
| 1960 | 60.1 | 6,015 | 5,375 | 30,531 | 18,363 | 3.416 | 2.513 | 2,139 |
| 1961 | 60.0 | 6,213 | 5,536 | 33,174 | 19,914 | 3.598 | 2.544 | 2,176 |
| 1962 | 61.0 | 6,301 | 5,721 | 33,633 | 20,529 | 3.589 | 2.592 | 2,207 |
| 1963 | 59.7 | 6,311 | 5,644 | 33,138 | 19,795 | 3.507 | 2.742 | 2,059 |
| 1964 | 63.2 | 6,624 | 5,953 | 34,929 | 22,070 | 3.707 | 2.772 | 2,147 |
| 1965 | 62.1 | 6,703 | 5,993 | 33,444 | 20,760 | 3.464 | 2.767 | 2,166 |
| 1966 | 60.7 | 6,899 | 6,168 | 34,236 | 20,787 | 3.370 | 2.867 | 2,151 |

SIC 3534 ELEVATORS & MOVING STAIRWAYS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 9,626 | 55,657 | 5,868 | 11,764 | 31,156 | 126,270 | 192,806 | 2,321 |
| 1959 | 9,323 | 55,893 | 5,542 | 11,723 | 31,579 | 135,225 | 216,778 | N.A. |
| 1960 | 8,909 | 59,745 | 5,311 | 10,469 | 31,751 | 149,732 | 235,405 | 1,319 |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 12,393 | 88,389 | 7,427 | 15,458 | 49,634 | 201,527 | 318,616 | 3,315 |
| 1964 | 13,415 | 95,337 | 8,053 | 15,775 | 50,025 | 234,139 | 347,427 | 5,154 |
| 1965 | 13,361 | 99,627 | 8,053 | 17,064 | 55,192 | 217,776 | 339,064 | 11,318 |
| 1966 | 13,960 | 105,090 | 8,451 | 17,820 | 58,132 | 235,523 | 352,601 | 4,266 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 65.5 | 5,782 | 5,309 | 32,857 | 21,518 | 4.053 | 2.648 | 2,005 |
| 1959 | 62.4 | 5,995 | 5,698 | 39,115 | 24,400 | 4.282 | 2.694 | 2,115 |
| 1960 | 63.6 | 6,706 | 5,978 | 44,324 | 28,193 | 4.716 | 3.033 | 1,971 |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 63.3 | 7,132 | 6,683 | 42,900 | 27,134 | 4.060 | 3.211 | 2,081 |
| 1964 | 67.4 | 7,107 | 6,212 | 43,143 | 29,075 | 4.680 | 3.171 | 1,959 |
| 1965 | 64.2 | 7,457 | 6,854 | 42,104 | 27,043 | 3.946 | 3.234 | 2,119 |
| 1966 | 66.8 | 7,528 | 6,879 | 41,723 | 27,869 | 4.052 | 3.262 | 2,109 |

SIC 3535 CONVEYORS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 20,789 | 119,431 | 12,698 | 25,584 | 62,578 | 192,892 | 385,714 | 7,197 |
| 1959 | 21,436 | 129,558 | 13,043 | 26,138 | 67,658 | 229,379 | 425,397 | 4,524 |
| 1960 | 21,490 | 132,507 | 12,568 | 26,501 | 69,237 | 239,983 | 439,728 | 5,981 |
| 1961 | 19,851 | 121,393 | 11,498 | 23,688 | 61,427 | 215,282 | 399,789 | N.A. |
| 1962 | 21,227 | 137,017 | 12,704 | 25,208 | 70,939 | 249,154 | 460,279 | 9,060 |
| 1963 | 20,778 | 140,617 | 12,642 | 26,312 | 74,020 | 270,475 | 494,632 | 6,125 |
| 1964 | 22,222 | 161,728 | 13,691 | 29,317 | 85,235 | 306,612 | 567,150 | 8,022 |
| 1965 | 25,003 | 182,005 | 15,347 | 32,455 | 97,471 | 351,325 | 655,548 | 9,010 |
| 1966 | 25,774 | 201,109 | 16,281 | 34,844 | 110,553 | 385,982 | 725,434 | 12,305 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 50.0 | 5,745 | 4,928 | 30,376 | 15,191 | 3.082 | 2.446 | 2,015 |
| 1959 | 53.9 | 6,044 | 5,187 | 32,615 | 17,586 | 3.390 | 2.588 | 2,004 |
| 1960 | 54.6 | 6,166 | 5,509 | 34,988 | 19,095 | 3.466 | 2.613 | 2,109 |
| 1961 | 53.8 | 6,115 | 5,342 | 34,770 | 18,723 | 3.505 | 2.593 | 2,060 |
| 1962 | 54.1 | 6,455 | 5,584 | 36,231 | 19,612 | 3.512 | 2.814 | 1,984 |
| 1963 | 54.7 | 6,768 | 5,855 | 39,126 | 21,395 | 3.654 | 2.813 | 2,081 |
| 1964 | 54.1 | 7,278 | 6,226 | 41,425 | 22,395 | 3.597 | 2.907 | 2,141 |
| 1965 | 53.6 | 7,279 | 6,351 | 42,715 | 22,892 | 3.604 | 3.003 | 2,115 |
| 1966 | 53.2 | 7,803 | 6,790 | 44,557 | 23,708 | 3.491 | 3.173 | 2,140 |

SIC 3536 HOISTS, CRANES & MONORAILS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 9,520 | 53,566 | 6,555 | 12,988 | 32,840 | 92,759 | 184,722 | 5,056 |
| 1959 | 8,784 | 50,868 | 6,214 | 12,261 | 30,689 | 85,877 | 164,305 | 2,582 |
| 1960 | 9,611 | 57,718 | 6,835 | 13,527 | 35,314 | 93,133 | 188,151 | 4,521 |
| 1961 | 8,473 | 50,690 | 5,657 | 11,543 | 30,068 | 82,244 | 162,650 | 3,317 |
| 1962 | 8,467 | 53,993 | 5,769 | 11,713 | 32,565 | 88,445 | 166,030 | 3,325 |
| 1963 | 9,585 | 64,301 | 6,776 | 13,980 | 41,433 | 112,327 | 220,015 | 2,644 |
| 1964 | 9,918 | 72,165 | 7,056 | 15,274 | 46,329 | 119,086 | 237,661 | 3,173 |
| 1965 | 10,254 | 76,361 | 7,455 | 15,989 | 50,667 | 144,848 | 270,193 | 4,613 |
| 1966 | 16,499 | 130,505 | 11,748 | 25,185 | 86,141 | 236,723 | 437,252 | 10,101 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 50.2 | 5,627 | 5,010 | 28,180 | 14,151 | 2.825 | 2.528 | 1,981 |
| 1959 | 52.3 | 5,791 | 4,939 | 26,441 | 13,820 | 2.798 | 2.503 | 1,973 |
| 1960 | 49.5 | 6,005 | 5,167 | 27,528 | 13,626 | 2.637 | 2.611 | 1,979 |
| 1961 | 50.6 | 5,983 | 5,315 | 28,752 | 14,538 | 2.735 | 2.605 | 2,040 |
| 1962 | 53.3 | 6,377 | 5,645 | 28,780 | 15,331 | 2.716 | 2.780 | 2,030 |
| 1963 | 51.1 | 6,709 | 6,115 | 32,470 | 16,577 | 2.711 | 2.964 | 2,063 |
| 1964 | 50.1 | 7,276 | 6,566 | 33,682 | 16,877 | 2.570 | 3.033 | 2,165 |
| 1965 | 53.6 | 7,447 | 6,796 | 36,243 | 19,430 | 2.859 | 3.169 | 2,145 |
| 1966 | 54.1 | 7,910 | 7,332 | 37,219 | 20,150 | 2.748 | 3.420 | 2,144 |

SIC 3537 INDUSTRIAL TRUCKS & TRACTORS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 14,786 | 76,200 | 9,545 | 18,121 | 42,982 | 117,500 | 269,328 | 3,344 |
| 1959 | 15,274 | 88,369 | 10,012 | 21,095 | 52,056 | 170,410 | 333,196 | 4,299 |
| 1960 | 17,473 | 100,683 | 11,569 | 24,147 | 59,514 | 169,279 | 366,043 | 5,981 |
| 1961 | 15,670 | 90,827 | 9,873 | 20,320 | 49,874 | 144,832 | 319,449 | N.A. |
| 1962 | 16,473 | 100,374 | 10,837 | 22,223 | 58,113 | 175,410 | 360,562 | 4,134 |
| 1963 | 17,570 | 110,444 | 11,454 | 23,815 | 64,476 | 233,116 | 446,957 | 6,696 |
| 1964 | 19,915 | 130,781 | 14,990 | 28,071 | 76,197 | 274,550 | 532,960 | 9,415 |
| 1965 | 21,482 | 152,608 | 14,194 | 31,022 | 92,254 | 321,249 | 627,727 | 11,640 |
| 1966 | 26,297 | 189,947 | 17,822 | 37,894 | 116,837 | 404,900 | 792,028 | 18,436 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 43.6 | 5,154 | 4,503 | 28,217 | 12,310 | 2.734 | 2.372 | 1,898 |
| 1959 | 51.1 | 5,786 | 5,199 | 33,280 | 17,021 | 3.274 | 2.468 | 2,107 |
| 1960 | 46.2 | 5,762 | 5,144 | 31,640 | 14,632 | 2.844 | 2.465 | 2,087 |
| 1961 | 45.3 | 5,796 | 5,052 | 32,356 | 14,670 | 2.904 | 2.454 | 2,058 |
| 1962 | 48.6 | 6,093 | 5,362 | 33,271 | 16,186 | 3.018 | 2.615 | 2,051 |
| 1963 | 52.2 | 6,286 | 5,629 | 39,022 | 20,352 | 3.616 | 2.707 | 2,079 |
| 1964 | 51.5 | 6,567 | 5,083 | 35,554 | 18,316 | 3.603 | 2.714 | 1,873 |
| 1965 | 51.2 | 7,104 | 6,500 | 44,225 | 22,633 | 3.482 | 2.974 | 2,186 |
| 1966 | 51.1 | 7,223 | 6,556 | 44,444 | 22,719 | 3.466 | 3.083 | 2,126 |

SIC 3541 METAL-CUTTING MACHINE TOOLS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 52,864 | 300,344 | 36,154 | 69,619 | 182,171 | 420,961 | 679,836 | 18,840 |
| 1959 | 52,797 | 329,497 | 35,436 | 72,165 | 201,991 | 505,433 | 753,784 | 22,152 |
| 1960 | 58,777 | 370,894 | 39,487 | 80,918 | 223,825 | 578,210 | 881,676 | 24,770 |
| 1961 | 54,901 | 352,976 | 36,373 | 72,714 | 201,457 | 550,119 | 828,413 | 18,668 |
| 1962 | 58,855 | 401,810 | 39,253 | 81,217 | 235,035 | 670,989 | 982,118 | 26,643 |
| 1963 | 61,058 | 438,222 | 41,008 | 86,486 | 272,243 | 699,341 | 1,060,818 | 28,837 |
| 1964 | 65,078 | 497,726 | 44,471 | 97,317 | 306,845 | 836,224 | 1,286,022 | 41,652 |
| 1965 | 70,827 | 564,968 | 48,745 | 108,105 | 353,678 | 993,561 | 1,524,402 | 53,704 |
| 1966 | 79,767 | 673,356 | 55,279 | 123,800 | 427,536 | 1,234,151 | 1,826,073 | 74,899 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 61.9 | 5,681 | 5,039 | 18,804 | 11,644 | 2.311 | 2.617 | 1,926 |
| 1959 | 67.1 | 6,241 | 5,700 | 21,272 | 14,263 | 2.502 | 2.799 | 2,036 |
| 1960 | 65.6 | 6,310 | 5,668 | 22,328 | 14,643 | 2.583 | 2.766 | 2,049 |
| 1961 | 66.4 | 6,429 | 5,539 | 22,775 | 15,124 | 2.731 | 2.771 | 1,999 |
| 1962 | 68.3 | 6,827 | 5,988 | 25,020 | 17,094 | 2.855 | 2.894 | 2,069 |
| 1963 | 65.9 | 7,177 | 6,639 | 25,869 | 17,054 | 2.569 | 3.148 | 2,109 |
| 1964 | 65.0 | 7,648 | 6,900 | 28,918 | 18,804 | 2.725 | 3.153 | 2,188 |
| 1965 | 65.2 | 7,977 | 7,256 | 31,273 | 20,383 | 2.809 | 3.272 | 2,218 |
| 1966 | 67.6 | 8,442 | 7,734 | 33,034 | 22,326 | 2.887 | 3.453 | 2,240 |

SIC 3542 METAL-FORMING MACHINE TOOLS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 22,502 | 132,368 | 15,572 | 30,905 | 82,192 | 176,021 | 317,657 | 11,723 |
| 1959 | 22,294 | 146,592 | 17,896 | 35,027 | 94,691 | 232,018 | 357,712 | 9,667 |
| 1960 | 22,423 | 152,140 | 17,952 | 35,833 | 100,930 | 237,602 | 384,044 | 12,599 |
| 1961 | 23,207 | 158,226 | 18,260 | 34,790 | 101,127 | 221,666 | 413,492 | 7,747 |
| 1962 | 23,396 | 171,980 | 18,409 | 37,041 | 109,504 | 265,841 | 448,210 | N.A. |
| 1963 | 22,078 | 161,669 | 15,782 | 34,633 | 107,381 | 281,287 | 441,419 | 10,792 |
| 1964 | 23,001 | 180,269 | 16,725 | 37,864 | 121,565 | 318,499 | 504,673 | N.A. |
| 1965 | 25,517 | 205,472 | 18,512 | 41,490 | 138,832 | 348,990 | 582,763 | 20,521 |
| 1966 | 28,407 | 244,935 | 20,911 | 47,421 | 164,219 | 432,116 | 727,700 | 27,614 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 55.4 | 5,882 | 5,278 | 20,399 | 11,304 | 2.142 | 2.660 | 1,985 |
| 1959 | 64.9 | 6,575 | 5,291 | 19,988 | 12,965 | 2.450 | 2.703 | 1,957 |
| 1960 | 61.9 | 6,785 | 5,622 | 21,393 | 13,235 | 2.354 | 2.817 | 1,996 |
| 1961 | 53.6 | 6,818 | 5,538 | 22,645 | 12,139 | 2.192 | 2.907 | 1,905 |
| 1962 | 59.3 | 7,351 | 5,948 | 24,347 | 14,441 | 2.428 | 2.956 | 2,012 |
| 1963 | 63.7 | 7,323 | 6,804 | 27,970 | 17,823 | 2.620 | 3.101 | 2,194 |
| 1964 | 63.1 | 7,837 | 7,268 | 30,175 | 19,043 | 2.620 | 3.211 | 2,264 |
| 1965 | 59.9 | 8,052 | 7,500 | 31,480 | 18,852 | 2.514 | 3.346 | 2,241 |
| 1966 | 59.4 | 8,622 | 7,853 | 34,800 | 20,665 | 2.631 | 3.463 | 2,268 |

SIC 3544 SPECIAL DIES & TOOLS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (\$1,000) | WAGES (\$1,000) | | | |
| 1958 | 83,308 | 536,588 | 68,916 | 139,877 | 415,241 | 780,090 | 1,060,566 | 43,242 |
| 1959 | 89,445 | 597,853 | 74,241 | 158,205 | 465,009 | 932,025 | 1,235,014 | N.A. |
| 1960 | 93,246 | 638,151 | 76,819 | 163,268 | 491,783 | 966,547 | 1,314,972 | N.A. |
| 1961 | 90,386 | 605,328 | 74,253 | 156,312 | 460,027 | 901,537 | 1,201,883 | N.A. |
| 1962 | 101,176 | 706,560 | 84,163 | 184,908 | 552,953 | 1,106,596 | 1,488,331 | N.A. |
| 1963 | 90,860 | 682,739 | 76,002 | 169,313 | 543,033 | 1,029,338 | 1,388,794 | 53,343 |
| 1964 | 93,782 | 741,663 | 78,700 | 179,090 | 581,588 | 1,180,087 | 1,571,337 | 49,458 |
| 1965 | 108,459 | 881,000 | 90,260 | 209,282 | 684,319 | 1,341,718 | 1,839,190 | 80,518 |
| 1966 | 120,325 | 1,028,345 | 100,799 | 231,750 | 792,576 | 1,664,546 | 2,217,907 | 133,880 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| 1958 | 73.6 | 6,441 | 6,025 | 15,389 | 11,319 | 1.879 | 2.969 | 2,030 |
| 1959 | 75.5 | 6,684 | 6,264 | 16,635 | 12,554 | 2.004 | 2.939 | 2,131 |
| 1960 | 73.5 | 6,844 | 6,402 | 17,118 | 12,582 | 1.965 | 3.012 | 2,125 |
| 1961 | 75.0 | 6,697 | 6,195 | 16,186 | 12,141 | 1.960 | 2.943 | 2,105 |
| 1962 | 74.4 | 6,983 | 6,570 | 17,684 | 13,148 | 2.001 | 2.990 | 2,197 |
| 1963 | 74.1 | 7,514 | 7,145 | 18,273 | 13,544 | 1.896 | 3.207 | 2,228 |
| 1964 | 75.1 | 7,908 | 7,390 | 19,966 | 14,995 | 2.029 | 3.247 | 2,276 |
| 1965 | 73.0 | 8,123 | 7,582 | 20,377 | 14,865 | 1.961 | 3.270 | 2,319 |
| 1966 | 75.1 | 8,546 | 7,863 | 22,003 | 16,514 | 2.100 | 3.420 | 2,299 |

SIC 3545 MACHINE TOOL ACCESSORIES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (\$1,000) | WAGES (\$1,000) | | | |
| 1958 | 41,521 | 226,949 | 29,304 | 56,299 | 143,663 | 348,580 | 511,456 | 15,277 |
| 1959 | 45,108 | 266,928 | 33,291 | 68,275 | 174,789 | 458,275 | 634,514 | 15,428 |
| 1960 | 46,732 | 283,647 | 33,972 | 71,541 | 182,709 | 495,551 | 682,139 | 17,992 |
| 1961 | 44,980 | 273,865 | 32,277 | 66,344 | 172,426 | 474,053 | 667,122 | 17,666 |
| 1962 | 48,730 | 316,102 | 35,694 | 75,126 | 205,410 | 570,061 | 809,326 | 22,247 |
| 1963 | 46,994 | 312,799 | 34,560 | 72,037 | 208,086 | 559,258 | 787,338 | 22,784 |
| 1964 | 49,225 | 339,413 | 35,776 | 75,893 | 223,958 | 619,053 | 866,455 | 29,186 |
| 1965 | 51,875 | 375,638 | 37,949 | 81,837 | 248,236 | 732,567 | 1,030,745 | 38,536 |
| 1966 | 55,872 | 429,611 | 40,918 | 91,283 | 286,955 | 883,299 | 1,230,311 | 53,061 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| 1958 | 68.2 | 5,466 | 4,903 | 17,453 | 11,895 | 2.426 | 2.552 | 1,921 |
| 1959 | 72.2 | 5,918 | 5,250 | 19,060 | 13,766 | 2.622 | 2.560 | 2,051 |
| 1960 | 72.6 | 6,070 | 5,378 | 20,079 | 14,587 | 2.712 | 2.554 | 2,106 |
| 1961 | 71.1 | 6,089 | 5,342 | 20,669 | 14,587 | 2.749 | 2.599 | 2,055 |
| 1962 | 70.4 | 6,487 | 5,755 | 22,674 | 15,971 | 2.775 | 2.734 | 2,105 |
| 1963 | 71.0 | 6,656 | 6,021 | 22,782 | 16,182 | 2.688 | 2.889 | 2,084 |
| 1964 | 71.0 | 6,895 | 6,260 | 24,219 | 17,192 | 2.746 | 2.951 | 2,121 |
| 1965 | 71.1 | 7,241 | 6,541 | 27,161 | 19,304 | 2.951 | 3.033 | 2,156 |
| 1966 | 71.8 | 7,689 | 7,013 | 30,068 | 21,587 | 3.078 | 3.144 | 2,231 |

SIC 3548 METAL WORKING MACHINERY NEC

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (\$1,000) | WAGES (\$1,000) | | | |
| 1958 | 33,328 | 183,307 | 24,384 | 46,915 | 120,444 | 332,397 | 602,015 | 16,634 |
| 1959 | 34,819 | 197,710 | 25,010 | 49,566 | 127,107 | 362,136 | 610,922 | 11,095 |
| 1960 | 36,199 | 215,827 | 26,092 | 52,441 | 141,494 | 409,682 | 656,553 | 18,366 |
| 1961 | 34,870 | 209,781 | 24,984 | 49,004 | 134,766 | 368,399 | 661,746 | 14,157 |
| 1962 | 36,040 | 223,655 | 26,324 | 52,502 | 145,816 | 429,296 | 680,747 | 11,085 |
| 1963 | 38,012 | 246,242 | 28,257 | 57,094 | 161,837 | 468,435 | 796,327 | 20,957 |
| 1964 | 41,441 | 284,865 | 30,536 | 64,230 | 189,963 | 575,710 | 924,226 | 25,207 |
| 1965 | 43,293 | 305,839 | 31,855 | 66,232 | 201,425 | 620,158 | 1,010,122 | 31,332 |
| 1966 | 46,000 | 339,429 | 34,293 | 72,578 | 227,789 | 685,017 | 1,147,952 | 49,369 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
| 1958 | 55.2 | 5,500 | 4,939 | 24,689 | 13,632 | 2.760 | 2.567 | 1,924 |
| 1959 | 59.3 | 5,678 | 5,082 | 24,427 | 14,480 | 2.849 | 2.564 | 1,982 |
| 1960 | 62.4 | 5,962 | 5,423 | 25,163 | 15,701 | 2.895 | 2.698 | 2,010 |
| 1961 | 55.7 | 6,016 | 5,394 | 26,487 | 14,745 | 2.734 | 2.750 | 1,961 |
| 1962 | 63.1 | 6,206 | 5,539 | 25,860 | 16,308 | 2.944 | 2.777 | 1,994 |
| 1963 | 58.8 | 6,478 | 5,727 | 28,182 | 16,578 | 2.894 | 2.835 | 2,021 |
| 1964 | 62.3 | 6,874 | 6,221 | 30,267 | 18,853 | 3.031 | 2.958 | 2,103 |
| 1965 | 61.4 | 7,064 | 6,323 | 31,710 | 19,468 | 3.079 | 3.041 | 2,079 |
| 1966 | 59.7 | 7,379 | 6,642 | 33,475 | 19,975 | 3.007 | 3.139 | 2,116 |

SIC 3551 FOOD PRODUCTS MACHINERY

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|---------------------|--------------------|--------------------|------------------------|---------------------------|---------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS 1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) | |
| 1958 | 27,715 | 152,515 | 18,195 | 36,304 | 86,824 | 258,639 | 456,171 | 7,801 | |
| 1959 | 28,680 | 164,956 | 19,146 | 38,778 | 93,403 | 300,593 | 501,078 | 9,332 | |
| 1960 | 30,519 | 181,317 | 20,323 | 42,734 | 103,582 | 337,845 | 557,324 | 8,765 | |
| 1961 | 30,935 | 187,928 | 20,912 | 42,328 | 103,830 | 359,651 | 588,020 | 10,508 | |
| 1962 | 31,943 | 201,469 | 21,689 | 45,586 | 115,085 | 365,150 | 626,228 | 11,834 | |
| 1963 | 31,684 | 205,368 | 21,018 | 43,276 | 118,036 | 380,406 | 640,507 | 11,031 | |
| 1964 | 32,627 | 216,948 | 20,796 | 43,877 | 122,627 | 435,821 | 715,040 | N.A. | |
| 1965 | 33,544 | 231,642 | 23,436 | 47,581 | 136,236 | 462,820 | 750,255 | 14,256 | |
| 1966 | 35,418 | 250,160 | 23,932 | 50,018 | 149,885 | 519,710 | 827,323 | 18,259 | |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 58.9 | 5,503 | 4,772 | 25,071 | 14,764 | 3.094 | 2.392 | 1,995 |
| 1959 | 60.0 | 5,752 | 4,878 | 26,171 | 15,700 | 3.218 | 2.409 | 2,025 |
| 1960 | 60.6 | 5,941 | 5,097 | 27,423 | 16,624 | 3.262 | 2.424 | 2,103 |
| 1961 | 61.2 | 6,075 | 4,965 | 28,119 | 17,198 | 3.464 | 2.453 | 2,024 |
| 1962 | 58.3 | 6,307 | 5,306 | 28,873 | 16,836 | 3.173 | 2.525 | 2,102 |
| 1963 | 59.4 | 6,482 | 5,616 | 30,474 | 18,099 | 3.223 | 2.728 | 2,059 |
| 1964 | 61.0 | 6,649 | 5,897 | 34,384 | 20,957 | 3.554 | 2.795 | 2,110 |
| 1965 | 61.7 | 6,906 | 5,813 | 32,013 | 19,748 | 3.397 | 2.863 | 2,030 |
| 1966 | 62.8 | 7,063 | 6,263 | 34,570 | 21,716 | 3.467 | 2.997 | 2,090 |

SIC 3552 TEXTILE MACHINERY

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 34,313 | 154,548 | 25,611 | 51,206 | 101,897 | 214,199 | 376,340 | 8,508 |
| 1959 | 35,766 | 173,594 | 27,627 | 58,194 | 120,553 | 271,336 | 445,493 | 6,813 |
| 1960 | 39,321 | 188,265 | 28,639 | 61,559 | 131,601 | 325,236 | 538,480 | N.A. |
| 1961 | 37,685 | 192,819 | 26,550 | 58,730 | 129,806 | 317,773 | 530,350 | N.A. |
| 1962 | 38,678 | 201,660 | 27,573 | 60,730 | 137,676 | 346,974 | 574,860 | N.A. |
| 1963 | 36,004 | 196,379 | 26,870 | 56,145 | 129,064 | 314,190 | 542,684 | 13,870 |
| 1964 | 37,533 | 212,105 | 28,231 | 59,021 | 142,101 | 359,354 | 605,211 | N.A. |
| 1965 | 41,241 | 247,225 | 30,809 | 68,145 | 166,264 | 408,238 | 707,916 | 20,220 |
| 1966 | 42,685 | 268,362 | 31,899 | 70,898 | 181,620 | 455,516 | 820,258 | 25,195 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | | | | | |
| 1958 | 56.9 | 4,504 | 3,979 | 14,694 | 8,364 | 2.102 | 1.990 | 1,999 |
| 1959 | 60.9 | 4,854 | 4,364 | 16,125 | 9,821 | 2.251 | 2.072 | 2,106 |
| 1960 | 60.4 | 4,788 | 4,595 | 18,802 | 11,356 | 2.471 | 2.138 | 2,149 |
| 1961 | 59.9 | 5,117 | 4,889 | 19,976 | 11,969 | 2.448 | 2.210 | 2,212 |
| 1962 | 60.4 | 5,214 | 4,993 | 20,849 | 12,584 | 2.520 | 2.267 | 2,203 |
| 1963 | 57.9 | 5,454 | 4,803 | 20,197 | 11,693 | 2.434 | 2.299 | 2,090 |
| 1964 | 59.4 | 5,651 | 5,034 | 21,438 | 12,729 | 2.529 | 2.408 | 2,091 |
| 1965 | 57.7 | 5,995 | 5,397 | 22,978 | 13,251 | 2.455 | 2.440 | 2,212 |
| 1966 | 55.5 | 6,287 | 5,694 | 25,714 | 14,280 | 2.508 | 2.562 | 2,223 |

SIC 3553 WOODWORKING MACHINERY

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | | VALUE ADDED | VALUE SHIPMENTS | CAPITAL EXPENDITURES |
|------|------------------|-------------------|--------------------|-------------------|-----------------|--|-------------|-----------------|----------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | | (\$1,000) | (\$1,000) | (\$1,000) |
| 1958 | 12,219 | 63,414 | 8,036 | 15,945 | 36,904 | | 112,936 | 214,376 | 6,924 |
| 1959 | 13,096 | 69,320 | 9,145 | 18,422 | 43,591 | | 146,418 | 245,888 | 5,228 |
| 1960 | 11,511 | 62,396 | 8,160 | 15,948 | 38,282 | | 128,997 | 224,357 | N.A. |
| 1961 | 10,885 | 62,103 | 7,776 | 14,732 | 37,136 | | 113,486 | 213,003 | N.A. |
| 1962 | 12,307 | 69,562 | 9,099 | 16,888 | 42,175 | | 141,060 | 247,431 | N.A. |
| 1963 | 12,057 | 72,928 | 8,725 | 17,662 | 45,877 | | 146,998 | 252,762 | 4,720 |
| 1964 | 14,006 | 89,072 | 10,482 | 21,761 | 59,359 | | 181,706 | 299,868 | 5,299 |
| 1965 | 14,311 | 91,404 | 10,500 | 21,527 | 58,416 | | 199,717 | 339,505 | N.A. |
| 1966 | 16,312 | 107,674 | 12,121 | 25,545 | 68,917 | | 230,776 | 382,498 | 9,270 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 52.7 | 5,190 | 4,592 | 26,677 | 14,054 | 3.060 | 2.314 | 1,984 |
| 1959 | 59.5 | 5,293 | 4,767 | 26,888 | 16,011 | 3.359 | 2.366 | 2,014 |
| 1960 | 57.5 | 5,421 | 4,691 | 27,495 | 15,808 | 3.370 | 2.400 | 1,954 |
| 1961 | 53.3 | 5,705 | 4,776 | 27,392 | 14,594 | 3.056 | 2.521 | 1,895 |
| 1962 | 57.0 | 5,652 | 4,635 | 27,193 | 15,503 | 3.345 | 2.497 | 1,856 |
| 1963 | 58.2 | 6,049 | 5,258 | 28,970 | 16,848 | 3.204 | 2.597 | 2,024 |
| 1964 | 60.6 | 6,360 | 5,663 | 28,608 | 17,335 | 3.061 | 2.728 | 2,076 |
| 1965 | 58.8 | 6,387 | 5,563 | 32,334 | 19,021 | 3.419 | 2.714 | 2,050 |
| 1966 | 60.3 | 6,601 | 5,686 | 31,557 | 19,039 | 3.349 | 2.698 | 2,107 |

SIC 3554 PAPER INDUSTRIES MACHINERY

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 15,713 | 89,881 | 11,356 | 22,727 | 58,198 | 123,758 | 310,179 | 4,847 |
| 1959 | 16,788 | 97,422 | 12,012 | 24,670 | 60,696 | 150,184 | 333,310 | 7,033 |
| 1960 | 18,439 | 117,458 | 12,868 | 27,159 | 73,564 | 191,045 | 380,011 | N.A. |
| 1961 | 18,610 | 117,943 | 12,726 | 25,381 | 70,377 | 188,003 | 364,967 | N.A. |
| 1962 | 19,099 | 128,540 | 13,263 | 27,385 | 78,218 | 194,120 | 398,581 | N.A. |
| 1963 | 18,605 | 130,614 | 12,914 | 27,233 | 82,299 | 217,475 | 403,925 | 10,348 |
| 1964 | 19,250 | 137,209 | 13,475 | 28,273 | 87,729 | 222,122 | 430,074 | 14,247 |
| 1965 | 20,122 | 153,184 | 14,127 | 30,191 | 95,743 | 242,657 | 483,882 | 12,183 |
| 1966 | 20,241 | 162,050 | 14,039 | 30,125 | 101,962 | 262,626 | 502,793 | 18,684 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 39.9 | 5,720 | 5,125 | 27,314 | 10,898 | 2.126 | 2.561 | 2,001 |
| 1959 | 45.1 | 5,803 | 5,053 | 27,748 | 12,503 | 2.474 | 2.460 | 2,054 |
| 1960 | 50.3 | 6,370 | 5,717 | 29,531 | 14,847 | 2.597 | 2.709 | 2,111 |
| 1961 | 51.5 | 6,338 | 5,530 | 28,679 | 14,773 | 2.671 | 2.773 | 1,994 |
| 1962 | 48.7 | 6,730 | 5,897 | 30,052 | 14,636 | 2.482 | 2.856 | 2,065 |
| 1963 | 53.8 | 7,020 | 6,373 | 31,278 | 16,840 | 2.642 | 3.022 | 2,109 |
| 1964 | 51.6 | 7,128 | 6,511 | 31,916 | 16,484 | 2.532 | 3.103 | 2,098 |
| 1965 | 50.1 | 7,613 | 6,777 | 34,252 | 17,177 | 2.534 | 3.171 | 2,137 |
| 1966 | 52.2 | 8,006 | 7,263 | 35,814 | 18,707 | 2.576 | 3.385 | 2,146 |

SIC 3555 PRINTING TRADES MACHINERY

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 21,453 | 119,575 | 15,278 | 30,001 | 78,005 | 188,881 | 309,797 | 8,496 |
| 1959 | 20,763 | 128,037 | 14,613 | 31,009 | 82,192 | 220,205 | 342,926 | 5,824 |
| 1960 | 22,243 | 143,040 | 15,554 | 32,545 | 92,312 | 246,718 | 399,418 | 10,233 |
| 1961 | 23,156 | 151,010 | 16,287 | 33,324 | 96,795 | 270,084 | 420,759 | 9,596 |
| 1962 | 23,648 | 159,928 | 16,546 | 34,405 | 99,948 | 288,542 | 459,961 | N.A. |
| 1963 | 22,952 | 159,407 | 16,437 | 34,269 | 104,446 | 285,879 | 448,398 | 8,911 |
| 1964 | 23,473 | 170,883 | 16,354 | 35,164 | 111,186 | 311,380 | 502,931 | 8,336 |
| 1965 | 25,533 | 188,494 | 17,933 | 38,055 | 122,620 | 345,762 | 565,000 | 20,860 |
| 1966 | 27,106 | 213,612 | 18,626 | 39,716 | 134,687 | 399,211 | 649,051 | 15,192 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 61.0 | 5,574 | 5,106 | 20,277 | 12,363 | 2.421 | 2.600 | 1,964 |
| 1959 | 64.2 | 6,167 | 5,625 | 23,467 | 15,069 | 2.679 | 2.651 | 2,122 |
| 1960 | 61.8 | 6,431 | 5,935 | 25,679 | 15,862 | 2.673 | 2.836 | 2,092 |
| 1961 | 64.2 | 6,521 | 5,943 | 25,834 | 16,583 | 2.790 | 2.905 | 2,046 |
| 1962 | 62.7 | 6,763 | 6,041 | 27,799 | 17,439 | 2.887 | 2.905 | 2,079 |
| 1963 | 63.8 | 6,945 | 6,354 | 27,280 | 17,392 | 2.737 | 3.048 | 2,085 |
| 1964 | 61.9 | 7,280 | 6,799 | 30,753 | 19,040 | 2.801 | 3.162 | 2,150 |
| 1965 | 61.2 | 7,382 | 6,838 | 31,506 | 19,281 | 2.820 | 3.222 | 2,122 |
| 1966 | 61.5 | 7,881 | 7,231 | 34,847 | 21,433 | 2.964 | 3.391 | 2,132 |

SIC 3559 SPECIAL INDUSTRY MACHINERY NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 50,849 | 273,665 | 34,042 | 67,312 | 163,464 | 431,117 | 761,077 | 17,449 |
| 1959 | 51,253 | 299,238 | 35,255 | 72,538 | 182,948 | 494,794 | 873,618 | 17,202 |
| 1960 | 53,448 | 322,993 | 36,780 | 75,549 | 196,961 | 532,552 | 955,940 | 21,644 |
| 1961 | 50,666 | 313,986 | 35,008 | 68,914 | 187,384 | 512,486 | 960,555 | 20,000 |
| 1962 | 48,936 | 313,576 | 34,012 | 68,296 | 189,315 | 527,639 | 961,728 | 17,669 |
| 1963 | 49,950 | 328,493 | 33,875 | 70,543 | 198,325 | 561,768 | 982,074 | 22,471 |
| 1964 | 55,207 | 381,399 | 38,272 | 81,317 | 235,945 | 699,782 | 1,203,013 | N.A. |
| 1965 | 61,162 | 440,241 | 41,255 | 90,469 | 269,776 | 805,043 | 1,409,819 | 41,053 |
| 1966 | 69,520 | 536,113 | 46,700 | 103,925 | 322,462 | 981,689 | 1,731,248 | 68,586 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 56.6 | 5,382 | 4,802 | 22,357 | 12,664 | 2.637 | 2.428 | 1,977 |
| 1959 | 56.6 | 5,838 | 5,189 | 24,780 | 14,035 | 2.705 | 2.522 | 2,058 |
| 1960 | 55.7 | 6,043 | 5,355 | 25,991 | 14,479 | 2.704 | 2.607 | 2,054 |
| 1961 | 53.4 | 6,197 | 5,353 | 27,438 | 14,639 | 2.735 | 2.719 | 1,969 |
| 1962 | 54.9 | 6,408 | 5,566 | 28,276 | 15,513 | 2.787 | 2.772 | 2,008 |
| 1963 | 57.2 | 6,576 | 5,855 | 28,991 | 16,584 | 2.833 | 2.811 | 2,082 |
| 1964 | 58.2 | 6,909 | 6,165 | 31,433 | 18,284 | 2.966 | 2.902 | 2,125 |
| 1965 | 57.1 | 7,198 | 6,539 | 34,173 | 19,514 | 2.984 | 2.982 | 2,193 |
| 1966 | 56.7 | 7,712 | 6,905 | 37,072 | 21,021 | 3.044 | 3.103 | 2,225 |

SIC 3561 PUMPS, AIR & GAS COMPRESSORS & PUMPING EQUIPMENT

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 60,042 | 321,509 | 37,407 | 74,975 | 180,146 | 542,037 | 1,114,053 | 24,678 |
| 1959 | 59,398 | 330,516 | 38,134 | 76,380 | 188,592 | 623,976 | 1,207,558 | 23,883 |
| 1960 | 62,806 | 360,813 | 39,716 | 80,543 | 206,072 | 674,077 | 1,275,082 | 26,133 |
| 1961 | 59,415 | 353,585 | 37,005 | 75,601 | 196,187 | 636,007 | 1,229,662 | 18,480 |
| 1962 | 61,609 | 383,325 | 38,180 | 78,648 | 214,398 | 681,380 | 1,296,653 | 24,672 |
| 1963 | 61,322 | 395,769 | 38,934 | 80,825 | 224,721 | 768,787 | 1,419,081 | 28,417 |
| 1964 | 67,861 | 457,631 | 42,998 | 91,075 | 262,995 | 922,623 | 1,627,085 | 31,699 |
| 1965 | 73,981 | 517,320 | 47,396 | 99,594 | 297,450 | 1,059,176 | 1,873,906 | 45,078 |
| 1966 | 78,710 | 578,698 | 50,497 | 108,564 | 337,198 | 1,202,417 | 2,151,094 | 62,479 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 48.7 | 5,355 | 4,816 | 29,782 | 14,490 | 3.009 | 2.403 | 2,004 |
| 1959 | 51.7 | 5,564 | 4,946 | 31,666 | 16,363 | 3.309 | 2.469 | 2,003 |
| 1960 | 52.9 | 5,745 | 5,189 | 32,105 | 16,972 | 3.271 | 2.559 | 2,028 |
| 1961 | 51.7 | 5,951 | 5,302 | 33,230 | 17,187 | 3.242 | 2.595 | 2,043 |
| 1962 | 52.5 | 6,222 | 5,615 | 33,962 | 17,847 | 3.178 | 2.726 | 2,060 |
| 1963 | 54.2 | 6,454 | 5,772 | 36,448 | 19,746 | 3.421 | 2.780 | 2,076 |
| 1964 | 56.7 | 6,744 | 6,116 | 37,841 | 21,457 | 3.508 | 2.888 | 2,118 |
| 1965 | 56.5 | 6,993 | 6,276 | 39,537 | 22,347 | 3.561 | 2.987 | 2,101 |
| 1966 | 55.9 | 7,352 | 6,678 | 42,598 | 23,812 | 3.566 | 3.106 | 2,150 |

SIC 3562 BALL AND ROLLER BEARINGS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 46,439 | 241,160 | 35,757 | 67,323 | 169,117 | 407,744 | 649,640 | 34,303 |
| 1959 | 53,707 | 325,313 | 43,373 | 91,561 | 243,186 | 599,776 | 920,049 | 35,488 |
| 1960 | 54,113 | 315,114 | 42,562 | 84,132 | 225,751 | 547,608 | 865,331 | 44,862 |
| 1961 | 50,288 | 306,430 | 39,584 | 76,779 | 215,375 | 530,444 | 824,134 | 32,269 |
| 1962 | 53,397 | 348,048 | 42,458 | 84,964 | 249,621 | 623,505 | 962,726 | 32,881 |
| 1963 | 52,316 | 348,700 | 42,003 | 85,970 | 263,022 | 627,694 | 998,784 | 39,243 |
| 1964 | 53,575 | 384,185 | 43,157 | 91,282 | 294,205 | 695,118 | 1,116,634 | 44,935 |
| 1965 | 57,388 | 419,931 | 46,535 | 99,652 | 320,619 | 792,260 | 1,270,894 | 64,935 |
| 1966 | 61,449 | 465,396 | 49,843 | 107,957 | 359,763 | 872,322 | 1,398,910 | 91,397 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 62.8 | 5,193 | 4,730 | 18,168 | 11,403 | 2.411 | 2.512 | 1,883 |
| 1959 | 65.2 | 6,057 | 5,607 | 21,212 | 13,828 | 2.466 | 2.656 | 2,111 |
| 1960 | 63.3 | 5,823 | 5,304 | 20,331 | 12,866 | 2.426 | 2.683 | 1,977 |
| 1961 | 64.4 | 6,094 | 5,441 | 20,820 | 13,400 | 2.463 | 2.805 | 1,940 |
| 1962 | 64.8 | 6,518 | 5,879 | 22,675 | 14,685 | 2.498 | 2.938 | 2,001 |
| 1963 | 62.8 | 6,665 | 6,262 | 23,779 | 14,944 | 2.386 | 3.059 | 2,047 |
| 1964 | 62.3 | 7,171 | 6,817 | 25,874 | 16,107 | 2.363 | 3.223 | 2,115 |
| 1965 | 62.3 | 7,317 | 6,890 | 27,310 | 17,025 | 2.471 | 3.217 | 2,141 |
| 1966 | 62.4 | 7,574 | 7,218 | 28,066 | 17,501 | 2.425 | 3.332 | 2,166 |

SIC 3564 BLOWERS & FANS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 15,947 | 82,457 | 10,980 | 21,356 | 50,322 | 145,050 | 271,629 | 5,569 |
| 1959 | 15,540 | 88,640 | 10,493 | 21,203 | 50,466 | 154,584 | 285,564 | 4,504 |
| 1960 | 14,593 | 88,498 | 9,849 | 19,701 | 49,907 | 153,772 | 280,495 | 5,996 |
| 1961 | 14,432 | 88,915 | 9,650 | 19,508 | 49,714 | 155,094 | 286,192 | 5,162 |
| 1962 | 14,722 | 93,582 | 9,832 | 20,423 | 51,749 | 169,245 | 306,971 | N.A. |
| 1963 | 15,244 | 94,090 | 10,733 | 21,616 | 57,776 | 180,801 | 315,285 | 6,979 |
| 1964 | 15,059 | 102,876 | 10,746 | 22,968 | 63,274 | 191,218 | 339,031 | N.A. |
| 1965 | 17,015 | 114,986 | 11,804 | 24,585 | 68,923 | 223,070 | 400,467 | 8,380 |
| 1966 | 17,888 | 126,619 | 12,969 | 26,661 | 78,821 | 253,466 | 444,299 | 12,541 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 53.4 | 5,171 | 4,583 | 24,739 | 13,210 | 2.882 | 2.356 | 1,945 |
| 1959 | 54.1 | 5,704 | 4,809 | 27,215 | 14,732 | 3.063 | 2.380 | 2,021 |
| 1960 | 54.8 | 6,064 | 5,067 | 28,480 | 15,613 | 3.081 | 2.533 | 2,000 |
| 1961 | 54.2 | 6,161 | 5,152 | 29,657 | 16,072 | 3.120 | 2.548 | 2,022 |
| 1962 | 55.1 | 6,357 | 5,263 | 31,222 | 17,214 | 3.270 | 2.534 | 2,077 |
| 1963 | 57.3 | 6,172 | 5,383 | 29,375 | 16,845 | 3.129 | 2.673 | 2,014 |
| 1964 | 56.4 | 6,832 | 5,888 | 31,550 | 17,794 | 3.022 | 2.755 | 2,137 |
| 1965 | 55.7 | 6,758 | 5,839 | 33,926 | 18,898 | 3.237 | 2.803 | 2,083 |
| 1966 | 57.0 | 7,078 | 6,078 | 34,259 | 19,544 | 3.216 | 2.956 | 2,056 |

SIC 3565 INDUSTRIAL PATTERNS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (11,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 8,870 | 54,746 | 7,683 | 13,950 | 45,370 | 78,108 | 98,343 | 3,214 |
| 1959 | 9,430 | 61,444 | 8,581 | 16,183 | 51,809 | 88,270 | 110,406 | N.A. |
| 1960 | 9,148 | 63,794 | 8,402 | 15,411 | 53,665 | 93,034 | 116,486 | N.A. |
| 1961 | 8,877 | 59,066 | 8,095 | 14,452 | 49,139 | 85,457 | 106,360 | N.A. |
| 1962 | 9,459 | 67,024 | 8,584 | 15,963 | 56,552 | 98,293 | 119,682 | N.A. |
| 1963 | 9,914 | 75,605 | 8,685 | 17,710 | 64,877 | 112,587 | 140,696 | 3,794 |
| 1964 | 10,488 | 87,607 | 9,405 | 19,427 | 75,979 | 138,331 | 169,969 | N.A. |
| 1965 | 12,092 | 101,334 | 10,605 | 20,442 | 87,678 | 158,341 | 201,698 | N.A. |
| 1966 | 12,170 | 117,985 | 10,696 | 22,486 | 100,786 | 187,269 | 232,971 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 79.4 | 6,172 | 5,905 | 12,800 | 10,166 | 1.722 | 3.252 | 1,816 |
| 1959 | 80.0 | 6,516 | 6,038 | 12,866 | 10,287 | 1.704 | 3.201 | 1,886 |
| 1960 | 79.9 | 6,974 | 6,387 | 13,864 | 11,073 | 1.734 | 3.482 | 1,834 |
| 1961 | 80.3 | 6,654 | 6,070 | 13,139 | 10,557 | 1.739 | 3.400 | 1,785 |
| 1962 | 82.1 | 7,086 | 6,588 | 13,942 | 11,451 | 1.738 | 3.543 | 1,860 |
| 1963 | 80.0 | 7,626 | 7,470 | 16,200 | 12,963 | 1.735 | 3.663 | 2,039 |
| 1964 | 81.4 | 8,353 | 8,079 | 18,072 | 14,708 | 1.821 | 3.911 | 2,066 |
| 1965 | 78.5 | 8,380 | 8,268 | 19,019 | 14,931 | 1.806 | 4.289 | 1,928 |
| 1966 | 80.4 | 9,695 | 9,423 | 21,781 | 17,508 | 1.858 | 4.482 | 2,102 |

SIC 3566 POWER TRANSMISSION EQUIPMENT

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (11,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 41,782 | 226,101 | 29,762 | 57,537 | 143,812 | 384,372 | 630,303 | 26,842 |
| 1959 | 44,186 | 255,613 | 32,248 | 64,551 | 168,433 | 470,903 | 739,948 | 21,908 |
| 1960 | 41,829 | 249,780 | 30,324 | 61,371 | 161,757 | 431,082 | 691,915 | 23,021 |
| 1961 | 40,042 | 244,846 | 28,768 | 57,754 | 157,287 | 429,021 | 682,644 | 17,225 |
| 1962 | 43,642 | 281,744 | 31,393 | 64,632 | 182,756 | 494,926 | 787,631 | N.A. |
| 1963 | 46,670 | 303,314 | 34,400 | 71,101 | 203,941 | 555,710 | 888,641 | 26,444 |
| 1964 | 48,311 | 334,889 | 36,334 | 76,547 | 229,297 | 622,445 | 998,249 | 31,732 |
| 1965 | 52,560 | 370,971 | 39,342 | 82,382 | 252,289 | 713,128 | 1,147,357 | 41,067 |
| 1966 | 55,422 | 417,136 | 41,550 | 89,769 | 287,063 | 829,234 | 1,314,128 | 53,166 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 61.0 | 5,411 | 4,832 | 21,178 | 12,915 | 2.673 | 2.499 | 1,933 |
| 1959 | 63.6 | 5,785 | 5,223 | 22,946 | 14,603 | 2.796 | 2.609 | 2,002 |
| 1960 | 62.3 | 5,971 | 5,334 | 22,817 | 14,216 | 2.665 | 2.636 | 2,024 |
| 1961 | 62.8 | 6,115 | 5,467 | 23,729 | 14,913 | 2.728 | 2.723 | 2,008 |
| 1962 | 62.8 | 6,456 | 5,822 | 25,089 | 15,765 | 2.708 | 2.828 | 2,059 |
| 1963 | 62.5 | 6,499 | 5,929 | 25,833 | 16,154 | 2.725 | 2.868 | 2,067 |
| 1964 | 62.4 | 6,932 | 6,311 | 27,474 | 17,131 | 2.715 | 2.996 | 2,107 |
| 1965 | 62.2 | 7,058 | 6,413 | 29,164 | 18,126 | 2.827 | 3.062 | 2,094 |
| 1966 | 63.1 | 7,527 | 6,909 | 31,628 | 19,957 | 2.889 | 3.198 | 2,161 |

SIC 3567 INDUSTRIAL FURNACES & OVENS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (11,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 10,288 | 57,394 | 5,774 | 11,671 | 26,859 | 96,450 | 204,835 | 2,853 |
| 1959 | 10,956 | 65,107 | 6,395 | 13,299 | 31,622 | 114,596 | 222,463 | N.A. |
| 1960 | 11,276 | 70,999 | 6,349 | 13,464 | 33,457 | 124,769 | 259,795 | 2,139 |
| 1961 | 10,725 | 69,908 | 5,897 | 12,688 | 31,470 | 115,711 | 225,125 | N.A. |
| 1962 | 11,082 | 72,328 | 6,169 | 13,017 | 33,705 | 117,549 | 238,045 | 2,308 |
| 1963 | 12,394 | 85,372 | 6,970 | 14,352 | 39,806 | 153,477 | 311,998 | 4,623 |
| 1964 | 12,258 | 93,003 | 6,896 | 15,291 | 41,544 | 169,733 | 323,970 | 3,951 |
| 1965 | 12,882 | 102,419 | 7,289 | 16,185 | 46,813 | 193,919 | 349,408 | 6,570 |
| 1966 | 14,274 | 112,211 | 8,035 | 17,701 | 52,419 | 212,867 | 401,038 | 5,379 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 47.1 | 5,579 | 4,652 | 35,475 | 16,704 | 3.591 | 2.301 | 2,021 |
| 1959 | 51.5 | 5,943 | 4,945 | 34,787 | 17,920 | 3.624 | 2.378 | 2,080 |
| 1960 | 48.0 | 6,296 | 5,270 | 40,919 | 19,652 | 3.729 | 2.485 | 2,121 |
| 1961 | 51.4 | 6,518 | 5,337 | 38,176 | 19,622 | 3.677 | 2.480 | 2,152 |
| 1962 | 49.4 | 6,527 | 5,464 | 38,587 | 19,055 | 3.488 | 2.589 | 2,110 |
| 1963 | 49.2 | 6,888 | 5,711 | 44,763 | 22,020 | 3.856 | 2.774 | 2,059 |
| 1964 | 52.4 | 7,587 | 6,024 | 46,979 | 24,613 | 4.086 | 2.717 | 2,217 |
| 1965 | 55.5 | 7,951 | 6,422 | 47,936 | 26,604 | 4.142 | 2.892 | 2,220 |
| 1966 | 53.1 | 7,861 | 6,524 | 49,911 | 26,492 | 4.061 | 2.961 | 2,203 |

SIC 3569 GENERAL INDUSTRY MACHINERY NEC

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 28,014 | 159,915 | 16,068 | 31,784 | 75,622 | 281,423 | 458,280 | 17,347 |
| 1959 | 28,901 | 175,567 | 16,889 | 33,248 | 80,523 | 306,859 | 496,245 | 20,225 |
| 1960 | 29,468 | 185,762 | 16,597 | 33,369 | 82,121 | 261,558 | 549,910 | 18,738 |
| 1961 | 30,646 | 200,595 | 17,243 | 33,881 | 86,223 | 256,854 | 572,232 | 20,087 |
| 1962 | 33,027 | 219,059 | 19,161 | 36,714 | 92,943 | 284,354 | 609,430 | N.A. |
| 1963 | 35,559 | 240,816 | 20,332 | 40,869 | 109,354 | 424,084 | 691,280 | 15,102 |
| 1964 | 36,725 | 264,226 | 20,599 | 43,527 | 117,875 | 436,941 | 708,582 | 19,448 |
| 1965 | 38,887 | 278,429 | 23,441 | 47,865 | 135,648 | 517,361 | 855,634 | 27,529 |
| 1966 | 41,042 | 308,333 | 25,515 | 52,896 | 156,555 | 638,828 | 1,024,148 | 34,476 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 61.4 | 5,708 | 4,706 | 28,521 | 17,515 | 3.721 | 2,379 | 1,978 |
| 1959 | 61.8 | 6,075 | 4,768 | 29,383 | 18,169 | 3.811 | 2,422 | 1,969 |
| 1960 | 47.6 | 6,304 | 4,948 | 33,133 | 15,759 | 3.185 | 2,461 | 2,011 |
| 1961 | 44.9 | 6,546 | 5,000 | 33,186 | 14,896 | 2.979 | 2,545 | 1,965 |
| 1962 | 46.7 | 6,633 | 4,851 | 31,806 | 14,840 | 3.059 | 2,532 | 1,916 |
| 1963 | 61.3 | 6,772 | 5,378 | 34,000 | 20,858 | 3.878 | 2,676 | 2,010 |
| 1964 | 61.7 | 7,195 | 5,722 | 36,399 | 21,212 | 3.707 | 2,708 | 2,113 |
| 1965 | 60.5 | 7,160 | 5,787 | 36,502 | 22,071 | 3.814 | 2,834 | 2,042 |
| 1966 | 62.4 | 7,513 | 6,136 | 40,139 | 25,037 | 4.081 | 2,960 | 2,073 |

SIC 3571 COMPUTING & RELATED MACHINES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 80,864 | 473,455 | 50,523 | 98,497 | 269,013 | 579,103 | 1,104,194 | 61,494 |
| 1959 | 78,154 | 488,028 | 50,147 | 98,406 | 275,080 | 722,538 | 1,301,719 | 38,958 |
| 1960 | 95,050 | 638,796 | 60,043 | 120,306 | 353,748 | 822,012 | 1,555,715 | 69,754 |
| 1961 | 98,261 | 677,751 | 60,720 | 120,280 | 366,431 | 915,619 | 1,676,748 | 93,147 |
| 1962 | 100,549 | 722,357 | 59,519 | 118,109 | 364,645 | 1,025,776 | 1,833,241 | 87,830 |
| 1963 | 96,370 | 703,231 | 58,985 | 119,521 | 369,459 | 1,101,484 | 2,019,714 | 92,628 |
| 1964 | 102,790 | 775,737 | 62,659 | 128,788 | 395,555 | 1,762,600 | 3,011,420 | 89,088 |
| 1965 | 115,050 | 907,527 | 68,682 | 141,575 | 458,571 | 2,146,637 | 3,352,538 | 144,420 |
| 1966 | 136,440 | 1,078,289 | 81,321 | 169,572 | 540,179 | 2,827,706 | 4,832,842 | 162,449 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 52.4 | 5,855 | 5,325 | 21,855 | 11,462 | 2.153 | 2,731 | 1,950 |
| 1959 | 55.5 | 6,244 | 5,485 | 25,958 | 14,408 | 2.627 | 2,795 | 1,962 |
| 1960 | 52.8 | 6,721 | 5,892 | 25,910 | 13,690 | 2.324 | 2,940 | 2,004 |
| 1961 | 54.6 | 6,897 | 6,035 | 27,614 | 15,079 | 2.499 | 3,046 | 1,981 |
| 1962 | 56.0 | 7,184 | 6,127 | 30,801 | 17,234 | 2.813 | 3,087 | 1,984 |
| 1963 | 54.5 | 7,297 | 6,264 | 34,241 | 18,674 | 2.981 | 3,091 | 2,026 |
| 1964 | 58.5 | 7,547 | 6,313 | 48,060 | 28,130 | 4.456 | 3,071 | 2,055 |
| 1965 | 64.0 | 7,888 | 6,677 | 48,812 | 31,255 | 4.681 | 3,239 | 2,061 |
| 1966 | 58.5 | 7,903 | 6,643 | 59,429 | 34,772 | 5.235 | 3.186 | 2,085 |

SIC 3572 TYPEWRITERS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 19,779 | 84,467 | 16,310 | 29,748 | 64,612 | 168,877 | 238,173 | 9,880 |
| 1959 | 19,692 | 93,593 | 16,125 | 31,320 | 71,586 | 188,658 | 265,358 | 7,395 |
| 1960 | 19,102 | 92,965 | 15,266 | 29,665 | 68,064 | 201,186 | 282,971 | 10,307 |
| 1961 | 18,540 | 93,788 | 14,848 | 28,677 | 68,096 | 195,834 | 270,535 | 8,309 |
| 1962 | 17,798 | 96,697 | 14,049 | 27,549 | 69,308 | 206,883 | 290,685 | 10,073 |
| 1963 | 18,023 | 102,885 | 13,940 | 27,076 | 71,068 | 243,190 | 315,385 | 9,576 |
| 1964 | 17,683 | 108,835 | 13,401 | 26,230 | 71,350 | 288,151 | 379,437 | 9,083 |
| 1965 | 18,593 | 116,621 | 13,992 | 27,328 | 74,246 | 298,319 | 395,599 | 12,480 |
| 1966 | 21,938 | 145,344 | 16,954 | 34,730 | 97,108 | 424,114 | 533,880 | 19,589 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 70.9 | 4,271 | 3,961 | 14,603 | 10,354 | 2.614 | 2,172 | 1,824 |
| 1959 | 71.1 | 4,753 | 4,439 | 16,456 | 11,700 | 2.635 | 2,286 | 1,942 |
| 1960 | 71.1 | 4,867 | 4,459 | 18,536 | 13,179 | 2.956 | 2,294 | 1,943 |
| 1961 | 72.4 | 5,059 | 4,586 | 18,220 | 13,189 | 2.876 | 2,375 | 1,931 |
| 1962 | 71.2 | 5,433 | 4,933 | 20,691 | 14,726 | 2.985 | 2,516 | 1,961 |
| 1963 | 77.1 | 5,709 | 5,098 | 22,624 | 17,445 | 3.422 | 2,625 | 1,942 |
| 1964 | 75.9 | 6,155 | 5,324 | 28,314 | 21,502 | 4.039 | 2,720 | 1,957 |
| 1965 | 75.4 | 6,272 | 5,306 | 28,273 | 21,321 | 4.018 | 2,717 | 1,953 |
| 1966 | 79.4 | 6,625 | 5,728 | 31,490 | 25,016 | 4.367 | 2,796 | 2,048 |

SIC 3576 SCALES & BALANCES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 5,347 | 26,574 | 3,515 | 6,886 | 14,974 | 49,125 | 78,335 | 1,406 |
| 1959 | 5,392 | 27,846 | 3,565 | 7,378 | 16,076 | 49,987 | 80,880 | N.A. |
| 1960 | 5,045 | 26,848 | 3,415 | 7,001 | 15,621 | 48,254 | 70,382 | 1,341 |
| 1961 | 5,245 | 28,943 | 3,475 | 7,292 | 16,699 | 49,664 | 74,810 | 771 |
| 1962 | 5,179 | 29,121 | 3,377 | 6,979 | 16,457 | 49,849 | 77,735 | 970 |
| 1963 | 5,765 | 35,052 | 3,725 | 7,678 | 19,919 | 64,362 | 98,491 | 1,149 |
| 1964 | 5,812 | 36,066 | 3,790 | 7,806 | 20,642 | 62,812 | 100,753 | 1,744 |
| 1965 | 6,452 | 40,618 | 4,181 | 8,564 | 23,006 | 73,016 | 114,679 | 1,974 |
| 1966 | 7,244 | 49,003 | 4,806 | 10,118 | 28,835 | 92,946 | 142,502 | 3,004 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 62.7 | 4,970 | 4,260 | 22,286 | 13,976 | 3.281 | 2.175 | 1,959 |
| 1959 | 61.8 | 5,164 | 4,509 | 22,687 | 14,022 | 3.109 | 2.179 | 2,070 |
| 1960 | 68.6 | 5,322 | 4,574 | 20,610 | 14,130 | 3.089 | 2.231 | 2,050 |
| 1961 | 66.4 | 5,518 | 4,805 | 21,528 | 14,292 | 2.974 | 2.290 | 2,098 |
| 1962 | 64.1 | 5,623 | 4,873 | 23,019 | 14,761 | 3.029 | 2.358 | 2,067 |
| 1963 | 65.3 | 6,080 | 5,347 | 26,441 | 17,278 | 3.231 | 2.594 | 2,061 |
| 1964 | 62.3 | 6,205 | 5,446 | 26,584 | 16,573 | 3.043 | 2.644 | 2,060 |
| 1965 | 63.7 | 6,295 | 5,503 | 27,429 | 17,464 | 3.174 | 2.686 | 2,048 |
| 1966 | 65.2 | 6,765 | 6,000 | 29,651 | 19,340 | 3.223 | 2.850 | 2,105 |

SIC 3579 OFFICE MACHINES NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 15,625 | 82,984 | 10,600 | 21,227 | 50,108 | 173,424 | 264,513 | 11,817 |
| 1959 | 15,581 | 86,625 | 10,867 | 21,165 | 52,717 | 191,132 | 292,893 | 9,662 |
| 1960 | 16,581 | 98,942 | 11,831 | 23,894 | 59,862 | 223,343 | 321,174 | 8,491 |
| 1961 | 18,866 | 110,835 | 13,031 | 26,239 | 64,381 | 239,005 | 351,115 | 7,204 |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 16,980 | 104,053 | 11,616 | 22,996 | 63,258 | 224,654 | 349,210 | 16,257 |
| 1964 | 16,818 | 107,985 | 11,553 | 23,362 | 63,408 | 242,092 | 368,123 | 10,056 |
| 1965 | 18,204 | 116,099 | 12,511 | 24,205 | 67,291 | 247,901 | 399,333 | 9,966 |
| 1966 | 19,111 | 130,673 | 13,404 | 26,562 | 77,475 | 310,984 | 466,384 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 65.6 | 5,311 | 4,727 | 24,954 | 16,361 | 3.461 | 2.361 | 2,003 |
| 1959 | 65.3 | 5,560 | 4,851 | 26,953 | 17,588 | 3.626 | 2.491 | 1,948 |
| 1960 | 69.5 | 5,967 | 5,060 | 27,147 | 18,878 | 3.731 | 2.505 | 2,020 |
| 1961 | 68.1 | 5,875 | 4,941 | 26,945 | 18,341 | 3.712 | 2.454 | 2,014 |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 64.3 | 6,128 | 5,446 | 30,063 | 19,340 | 3.551 | 2.751 | 1,980 |
| 1964 | 65.8 | 6,421 | 5,488 | 31,864 | 20,955 | 3.818 | 2.714 | 2,022 |
| 1965 | 62.1 | 6,378 | 5,379 | 31,919 | 19,815 | 3.684 | 2.780 | 1,935 |
| 1966 | 66.7 | 6,838 | 5,780 | 34,794 | 23,201 | 4.014 | 2.917 | 1,982 |

SIC 358X SERVICE INDUSTRY MACHINES NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 11,689 | 63,719 | 7,746 | 15,086 | 35,864 | 125,156 | 245,227 | 3,217 |
| 1959 | 11,765 | 66,841 | 8,491 | 16,393 | 39,061 | 138,159 | 260,840 | N.A. |
| 1960 | 12,693 | 75,938 | 8,584 | 18,034 | 44,710 | 151,891 | 294,766 | 3,749 |
| 1961 | 13,540 | 81,962 | 8,797 | 19,729 | 46,368 | 181,538 | 332,084 | 3,212 |
| 1962 | 15,326 | 96,629 | 10,216 | 22,473 | 56,084 | 205,036 | 373,689 | N.A. |
| 1963 | 15,257 | 96,834 | 9,524 | 19,423 | 51,279 | 192,379 | 378,300 | 5,278 |
| 1964 | 14,621 | 96,950 | 9,084 | 18,907 | 50,171 | 197,662 | 380,910 | N.A. |
| 1965 | 17,053 | 119,215 | 10,857 | 23,154 | 63,294 | 246,236 | 473,290 | 7,818 |
| 1966 | 20,193 | 145,496 | 12,637 | 27,262 | 77,277 | 302,079 | 570,834 | 8,618 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 51.0 | 5,451 | 4,630 | 31,659 | 16,158 | 3.490 | 2.377 | 1,948 |
| 1959 | 53.0 | 5,681 | 4,600 | 30,720 | 16,271 | 3.537 | 2.383 | 1,931 |
| 1960 | 51.5 | 5,983 | 5,209 | 34,339 | 17,695 | 3.397 | 2.479 | 2,101 |
| 1961 | 54.7 | 6,053 | 5,271 | 37,750 | 20,636 | 3.915 | 2.350 | 2,243 |
| 1962 | 54.9 | 6,305 | 5,490 | 36,579 | 20,070 | 3.656 | 2.496 | 2,200 |
| 1963 | 50.9 | 6,347 | 5,384 | 39,721 | 20,199 | 3.752 | 2.640 | 2,039 |
| 1964 | 51.9 | 6,631 | 5,523 | 41,932 | 21,759 | 3.940 | 2.654 | 2,081 |
| 1965 | 52.0 | 6,991 | 5,830 | 43,593 | 22,680 | 3.890 | 2.734 | 2,133 |
| 1966 | 52.9 | 7,205 | 6,115 | 45,172 | 23,904 | 3.909 | 2.835 | 2,157 |

SIC 3581 AUTOMATIC VENDING MACHINES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 7,894 | 37,049 | 5,557 | 10,846 | 21,945 | 64,694 | 141,635 | 2,798 |
| 1959 | 8,588 | 42,073 | 6,284 | 12,726 | 26,286 | 83,493 | 165,197 | 2,452 |
| 1960 | 10,990 | 56,834 | 8,102 | 16,412 | 37,000 | 123,584 | 213,581 | 3,542 |
| 1961 | 11,134 | 57,893 | 7,709 | 15,329 | 34,043 | 96,507 | 201,326 | 2,681 |
| 1962 | 13,378 | 71,524 | 9,482 | 18,285 | 42,362 | 130,772 | 247,542 | 6,364 |
| 1963 | 11,672 | 64,791 | 8,442 | 16,790 | 40,427 | 121,365 | 238,000 | 3,479 |
| 1964 | 11,720 | 66,381 | 8,668 | 16,988 | 42,263 | 136,194 | 256,158 | 3,111 |
| 1965 | 11,551 | 67,091 | 8,545 | 16,734 | 42,665 | 136,539 | 252,098 | 3,749 |
| 1966 | 11,950 | 73,551 | 8,742 | 17,679 | 45,093 | 150,095 | 279,488 | 4,765 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 45.7 | 4,693 | 3,949 | 25,488 | 11,642 | 2.948 | 2.023 | 1,952 |
| 1959 | 50.5 | 4,899 | 4,183 | 26,289 | 13,287 | 3.176 | 2.066 | 2,025 |
| 1960 | 57.9 | 5,171 | 4,567 | 26,362 | 15,254 | 3.340 | 2.254 | 2,026 |
| 1961 | 47.9 | 5,200 | 4,416 | 26,116 | 12,519 | 2.835 | 2.221 | 1,988 |
| 1962 | 52.8 | 5,346 | 4,468 | 26,107 | 13,792 | 3.087 | 2.317 | 1,928 |
| 1963 | 51.0 | 5,551 | 4,789 | 28,192 | 14,376 | 3.002 | 2.408 | 1,989 |
| 1964 | 53.2 | 5,664 | 4,876 | 29,552 | 15,712 | 3.223 | 2.488 | 1,960 |
| 1965 | 54.2 | 5,808 | 4,993 | 29,502 | 15,979 | 3.200 | 2.550 | 1,958 |
| 1966 | 53.7 | 6,155 | 5,158 | 31,971 | 17,169 | 3.329 | 2.551 | 2,022 |

SIC 3582 COMMERCIAL LAUNDRY EQUIPMENT

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 6,560 | 33,047 | 4,544 | 9,218 | 20,183 | 65,580 | 119,499 | 2,024 |
| 1959 | 6,839 | 36,416 | 4,752 | 9,652 | 22,231 | 71,034 | 137,981 | 1,504 |
| 1960 | 6,937 | 36,898 | 4,741 | 9,304 | 22,111 | 74,697 | 137,342 | 1,308 |
| 1961 | 5,879 | 32,613 | 4,148 | 8,433 | 20,408 | 61,548 | 119,881 | 2,705 |
| 1962 | 6,329 | 36,128 | 4,327 | 9,192 | 21,567 | 64,616 | 124,698 | 1,266 |
| 1963 | 6,542 | 37,929 | 4,667 | 9,605 | 23,462 | 70,771 | 136,757 | 2,487 |
| 1964 | 6,814 | 39,883 | 4,928 | 10,292 | 25,331 | 78,569 | 147,087 | 1,808 |
| 1965 | 7,584 | 47,099 | 5,370 | 11,269 | 28,423 | 93,956 | 172,332 | 2,390 |
| 1966 | 7,780 | 51,923 | 5,664 | 12,323 | 32,141 | 102,715 | 190,467 | 4,635 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 54.9 | 5,038 | 4,442 | 26,298 | 14,432 | 3.249 | 2.190 | 2,029 |
| 1959 | 51.5 | 5,325 | 4,678 | 29,036 | 14,948 | 3.195 | 2.303 | 2,031 |
| 1960 | 54.4 | 5,319 | 4,664 | 28,969 | 15,756 | 3.378 | 2.377 | 1,962 |
| 1961 | 51.3 | 5,547 | 4,920 | 28,901 | 14,838 | 3.016 | 2.420 | 2,033 |
| 1962 | 51.8 | 5,708 | 4,984 | 28,819 | 14,933 | 2.996 | 2.346 | 2,124 |
| 1963 | 51.7 | 5,798 | 5,027 | 29,303 | 15,164 | 3.016 | 2.443 | 2,058 |
| 1964 | 53.4 | 5,853 | 5,140 | 29,847 | 15,943 | 3.102 | 2.461 | 2,088 |
| 1965 | 54.5 | 6,210 | 5,293 | 32,092 | 17,496 | 3.306 | 2.522 | 2,099 |
| 1966 | 53.9 | 6,674 | 5,675 | 33,628 | 18,135 | 3.196 | 2.608 | 2,176 |

SIC 3585 REFRIGERATION MACHINERY

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 67,715 | 342,169 | 46,210 | 90,352 | 204,934 | 598,032 | 1,441,082 | 23,166 |
| 1959 | 69,350 | 377,760 | 47,898 | 95,522 | 224,181 | 733,391 | 1,641,520 | 26,110 |
| 1960 | 65,846 | 361,180 | 45,973 | 90,981 | 217,590 | 674,304 | 1,549,413 | 31,801 |
| 1961 | 62,795 | 349,836 | 44,182 | 86,583 | 212,601 | 608,116 | 1,501,918 | 37,880 |
| 1962 | 62,533 | 366,967 | 44,730 | 90,249 | 225,401 | 676,544 | 1,610,516 | 32,433 |
| 1963 | 72,330 | 432,583 | 50,676 | 101,231 | 268,304 | 892,686 | 1,928,001 | 33,471 |
| 1964 | 73,256 | 453,215 | 53,401 | 109,353 | 296,006 | 952,613 | 2,111,280 | 35,813 |
| 1965 | 79,802 | 499,078 | 59,525 | 119,542 | 330,481 | 1,055,100 | 2,314,304 | 53,999 |
| 1966 | 87,715 | 569,264 | 64,718 | 130,616 | 377,464 | 1,235,655 | 2,712,588 | 91,580 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 41.5 | 5,053 | 4,435 | 31,186 | 12,942 | 2.918 | 2.268 | 1,955 |
| 1959 | 44.7 | 5,447 | 4,680 | 34,271 | 15,312 | 3.271 | 2.347 | 1,994 |
| 1960 | 43.5 | 5,485 | 4,733 | 33,703 | 14,667 | 3.099 | 2.392 | 1,979 |
| 1961 | 40.5 | 5,571 | 4,812 | 33,994 | 13,764 | 2.860 | 2.455 | 1,960 |
| 1962 | 42.0 | 5,868 | 5,039 | 36,005 | 15,125 | 3.002 | 2.498 | 2,018 |
| 1963 | 46.3 | 5,981 | 5,294 | 38,046 | 17,616 | 3.327 | 2.650 | 1,998 |
| 1964 | 45.1 | 6,187 | 5,543 | 39,536 | 17,839 | 3.218 | 2.707 | 2,048 |
| 1965 | 45.6 | 6,254 | 5,552 | 38,880 | 17,725 | 3.193 | 2.765 | 2,008 |
| 1966 | 45.6 | 6,490 | 5,832 | 41,914 | 19,093 | 3.274 | 2.890 | 2,018 |

SIC 3586 MEASURING & DISPENSING PUMPS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 6,201 | 32,852 | 3,747 | 7,102 | 16,680 | 64,689 | 119,045 | 2,238 |
| 1959 | 6,569 | 38,437 | 4,303 | 8,503 | 20,390 | 79,243 | 141,205 | 1,611 |
| 1960 | 6,025 | 34,928 | 3,909 | 7,667 | 18,600 | 71,637 | 124,345 | 2,975 |
| 1961 | 5,638 | 33,643 | 3,565 | 6,938 | 17,241 | 72,046 | 125,899 | 2,416 |
| 1962 | 6,316 | 38,326 | 3,969 | 7,823 | 19,857 | 81,728 | 143,747 | 2,691 |
| 1963 | 6,768 | 41,732 | 4,499 | 8,913 | 23,155 | 91,713 | 159,487 | 2,604 |
| 1964 | 7,259 | 46,643 | 4,911 | 9,737 | 26,001 | 102,828 | 177,853 | 2,750 |
| 1965 | 8,110 | 55,852 | 5,217 | 10,685 | 29,013 | 113,222 | 199,748 | 6,012 |
| 1966 | 8,093 | 57,611 | 5,362 | 11,231 | 31,594 | 121,822 | 206,902 | 10,969 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 54.3 | 5,298 | 4,452 | 31,771 | 17,264 | 3.878 | 2.349 | 1,895 |
| 1959 | 56.1 | 5,851 | 4,739 | 32,815 | 18,416 | 3.886 | 2.398 | 1,976 |
| 1960 | 57.6 | 5,797 | 4,758 | 31,810 | 18,326 | 3.851 | 2.426 | 1,961 |
| 1961 | 57.2 | 5,967 | 4,831 | 35,276 | 20,187 | 4.179 | 2.485 | 1,944 |
| 1962 | 56.9 | 6,068 | 5,003 | 36,217 | 20,592 | 4.116 | 2.538 | 1,971 |
| 1963 | 57.5 | 6,166 | 5,147 | 35,449 | 20,385 | 3.961 | 2.598 | 1,981 |
| 1964 | 57.8 | 6,426 | 5,294 | 36,215 | 20,938 | 3.955 | 2.670 | 1,983 |
| 1965 | 56.7 | 6,887 | 5,561 | 38,288 | 21,703 | 3.902 | 2.715 | 2,048 |
| 1966 | 58.9 | 7,119 | 5,892 | 38,587 | 22,720 | 3.856 | 2.813 | 2,095 |

SIC 3599 MISCELLANEOUS MACHINERY

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 115,659 | 575,407 | 91,626 | 179,730 | 420,751 | 959,939 | 1,481,295 | 93,131 |
| 1959 | 130,690 | 676,118 | 106,835 | 207,792 | 498,018 | 1,155,562 | 1,812,162 | 93,347 |
| 1960 | 126,494 | 672,704 | 102,375 | 201,076 | 489,605 | 1,150,844 | 1,765,105 | 58,296 |
| 1961 | 129,496 | 698,583 | 104,773 | 208,780 | 509,228 | 1,189,398 | 1,829,957 | 61,892 |
| 1962 | 139,789 | 772,437 | 114,352 | 224,847 | 567,581 | 1,352,037 | 2,055,866 | N.A. |
| 1963 | 135,820 | 793,629 | 108,445 | 224,320 | 593,147 | 1,366,327 | 2,036,299 | 71,729 |
| 1964 | 142,376 | 885,517 | 113,865 | 244,950 | 659,141 | 1,529,675 | 2,268,811 | N.A. |
| 1965 | 145,927 | 918,346 | 118,769 | 248,793 | 689,924 | 1,564,248 | 2,329,536 | 90,035 |
| 1966 | 163,948 | 1,103,705 | 134,625 | 284,569 | 830,893 | 1,927,407 | 2,864,809 | 136,713 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 64.8 | 4,975 | 4,592 | 16,167 | 10,477 | 2.281 | 2.341 | 1,962 |
| 1959 | 63.8 | 5,173 | 4,662 | 16,962 | 10,816 | 2.320 | 2.397 | 1,945 |
| 1960 | 65.2 | 5,318 | 4,782 | 17,242 | 11,241 | 2.351 | 2.435 | 1,964 |
| 1961 | 65.0 | 5,395 | 4,860 | 17,466 | 11,352 | 2.336 | 2.439 | 1,993 |
| 1962 | 65.8 | 5,526 | 4,963 | 17,978 | 11,823 | 2.382 | 2.524 | 1,966 |
| 1963 | 67.1 | 5,843 | 5,470 | 18,777 | 12,599 | 2.304 | 2.644 | 2,069 |
| 1964 | 67.4 | 6,220 | 5,789 | 19,925 | 13,434 | 2.321 | 2.691 | 2,151 |
| 1965 | 67.1 | 6,293 | 5,809 | 19,614 | 13,171 | 2.267 | 2.773 | 2,095 |
| 1966 | 67.3 | 6,732 | 6,172 | 21,280 | 14,317 | 2.320 | 2.920 | 2,114 |

ELECTRICAL MACHINERY
SIC 3611 ELECTRIC MEASURING INSTRUMENTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 46,923 | 254,833 | 31,702 | 63,646 | 147,165 | 419,396 | 673,522 | 19,421 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 44,715 | 273,645 | 30,109 | 59,905 | 149,616 | 505,309 | 749,220 | 19,207 |
| 1964 | 43,199 | 279,014 | 28,630 | 61,286 | 152,954 | 521,344 | 769,256 | 17,097 |
| 1965 | 49,140 | 318,344 | 31,360 | 65,367 | 173,140 | 580,149 | 863,422 | 25,831 |
| 1966 | 56,255 | 375,927 | 38,646 | 77,123 | 208,747 | 720,099 | 1,020,458 | 32,846 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 62.3 | 5,431 | 4,642 | 21,245 | 13,229 | 2.850 | 2.312 | 2,008 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 67.4 | 6,120 | 4,969 | 24,884 | 16,783 | 3.377 | 2.498 | 1,990 |
| 1964 | 67.8 | 6,459 | 5,342 | 26,869 | 18,210 | 3.409 | 2.496 | 2,141 |
| 1965 | 67.2 | 6,478 | 5,521 | 27,533 | 18,500 | 3.351 | 2.649 | 2,084 |
| 1966 | 70.6 | 6,683 | 5,402 | 26,405 | 18,633 | 3.450 | 2.707 | 1,996 |

SIC 3612 TRANSFORMERS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 34,601 | 186,361 | 22,578 | 45,112 | 108,592 | 364,212 | 642,267 | 13,816 |
| 1959 | 35,507 | 201,687 | 24,048 | 47,974 | 125,904 | 429,065 | 721,572 | 14,875 |
| 1960 | 36,608 | 211,851 | 24,724 | 48,600 | 129,214 | 422,501 | 718,264 | 14,297 |
| 1961 | 34,857 | 207,363 | 23,522 | 46,180 | 128,146 | 402,251 | 708,099 | 40,524 |
| 1962 | 35,075 | 215,228 | 24,590 | 49,078 | 133,946 | 400,762 | 740,359 | 22,594 |
| 1963 | 33,365 | 209,514 | 23,640 | 46,873 | 129,628 | 381,514 | 722,896 | 13,161 |
| 1964 | 35,139 | 227,225 | 25,580 | 52,357 | 145,104 | 442,749 | 805,303 | 13,765 |
| 1965 | 37,339 | 252,597 | 27,074 | 56,475 | 161,629 | 516,681 | 921,835 | 19,449 |
| 1966 | 41,509 | 281,372 | 30,628 | 61,521 | 183,022 | 584,373 | 1,052,977 | 40,797 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 56.7 | 5,386 | 4,810 | 28,447 | 16,131 | 3.354 | 2.407 | 1,998 |
| 1959 | 59.5 | 5,680 | 5,236 | 30,005 | 17,842 | 3.408 | 2.624 | 1,995 |
| 1960 | 58.8 | 5,787 | 5,226 | 29,051 | 17,089 | 3.270 | 2.659 | 1,966 |
| 1961 | 56.8 | 5,949 | 5,448 | 30,104 | 17,101 | 3.139 | 2.775 | 1,963 |
| 1962 | 54.1 | 6,136 | 5,447 | 30,108 | 16,298 | 2.992 | 2.729 | 1,996 |
| 1963 | 52.8 | 6,279 | 5,483 | 30,579 | 16,138 | 2.943 | 2.766 | 1,983 |
| 1964 | 55.0 | 6,466 | 5,673 | 31,482 | 17,308 | 3.051 | 2.771 | 2,047 |
| 1965 | 56.0 | 6,765 | 5,970 | 34,049 | 19,084 | 3.197 | 2.862 | 2,086 |
| 1966 | 55.5 | 6,779 | 5,976 | 34,380 | 19,080 | 3.193 | 2.975 | 2,009 |

SIC 3613 SWITCHGEAR & SWITCHBOARDS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 52,871 | 283,152 | 36,263 | 72,769 | 170,453 | 555,044 | 962,558 | 17,820 |
| 1959 | 57,132 | 319,349 | 41,726 | 82,472 | 190,224 | 638,834 | 1,047,620 | N.A. |
| 1960 | 57,427 | 325,925 | 41,860 | 82,869 | 194,487 | 636,584 | 1,038,760 | 24,368 |
| 1961 | 57,138 | 336,346 | 41,099 | 80,988 | 197,817 | 606,624 | 1,039,332 | 15,575 |
| 1962 | 59,650 | 356,347 | 43,369 | 84,111 | 211,967 | 654,760 | 1,108,404 | 16,618 |
| 1963 | 54,045 | 338,860 | 38,091 | 76,910 | 204,942 | 647,838 | 1,093,743 | 18,180 |
| 1964 | 55,940 | 366,584 | 37,994 | 79,285 | 217,392 | 706,086 | 1,175,436 | 20,600 |
| 1965 | 57,606 | 386,242 | 40,725 | 83,544 | 236,137 | 797,163 | 1,299,265 | 26,000 |
| 1966 | 64,706 | 449,316 | 46,761 | 96,770 | 278,584 | 972,117 | 1,549,032 | 32,078 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 57.7 | 5,356 | 4,700 | 26,544 | 15,306 | 3.256 | 2.342 | 2,007 |
| 1959 | 61.0 | 5,590 | 4,559 | 25,107 | 15,310 | 3.358 | 2.307 | 1,977 |
| 1960 | 61.3 | 5,675 | 4,646 | 24,815 | 15,207 | 3.273 | 2.347 | 1,980 |
| 1961 | 58.4 | 5,887 | 4,813 | 25,288 | 14,760 | 3.067 | 2.443 | 1,971 |
| 1962 | 59.1 | 5,974 | 4,888 | 25,558 | 15,097 | 3.089 | 2.520 | 1,939 |
| 1963 | 59.2 | 6,270 | 5,380 | 28,714 | 17,008 | 3.161 | 2.665 | 2,019 |
| 1964 | 60.1 | 6,553 | 5,722 | 30,937 | 18,584 | 3.248 | 2.742 | 2,087 |
| 1965 | 61.4 | 6,705 | 5,798 | 31,903 | 19,574 | 3.376 | 2.826 | 2,051 |
| 1966 | 62.8 | 6,944 | 5,958 | 33,127 | 20,789 | 3.489 | 2.879 | 2,069 |

SIC 3621 MOTORS & GENERATORS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 93,541 | 488,854 | 64,795 | 127,799 | 303,785 | 813,124 | 1,392,573 | 28,311 |
| 1959 | 99,621 | 557,603 | 71,212 | 142,823 | 350,341 | 975,821 | 1,614,704 | 31,948 |
| 1960 | 101,653 | 581,876 | 72,324 | 141,440 | 358,916 | 966,574 | 1,647,803 | 37,204 |
| 1961 | 95,880 | 570,497 | 67,669 | 133,259 | 349,174 | 933,140 | 1,567,327 | 29,417 |
| 1962 | 93,957 | 576,039 | 67,656 | 135,665 | 361,836 | 974,834 | 1,657,777 | 34,841 |
| 1963 | 94,170 | 583,225 | 68,693 | 140,174 | 378,190 | 993,207 | 1,709,818 | 35,804 |
| 1964 | 94,906 | 609,797 | 69,236 | 141,006 | 392,784 | 1,097,573 | 1,820,010 | 42,628 |
| 1965 | 104,229 | 686,757 | 56,364 | 159,457 | 455,515 | 1,206,623 | 2,089,030 | 65,793 |
| 1966 | 112,348 | 730,011 | 63,741 | 180,679 | 494,331 | 1,365,664 | 2,288,812 | 84,300 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 58.4 | 5,226 | 4,688 | 21,492 | 12,549 | 2.677 | 2.377 | 1,972 |
| 1959 | 60.4 | 5,597 | 4,916 | 22,656 | 13,692 | 2.785 | 2.453 | 2,004 |
| 1960 | 58.7 | 5,724 | 4,963 | 22,784 | 13,364 | 2.693 | 2.538 | 1,956 |
| 1961 | 59.5 | 5,950 | 5,160 | 23,162 | 13,790 | 2.672 | 2.620 | 1,969 |
| 1962 | 58.8 | 6,131 | 5,348 | 24,503 | 14,409 | 2.694 | 2.667 | 2,005 |
| 1963 | 58.1 | 6,193 | 5,514 | 24,891 | 14,459 | 2.622 | 2.702 | 2,041 |
| 1964 | 60.3 | 6,425 | 5,673 | 26,287 | 15,853 | 2.794 | 2.768 | 2,050 |
| 1965 | 60.8 | 6,589 | 5,082 | 37,063 | 21,408 | 2.649 | 2.857 | 2,829 |
| 1966 | 59.7 | 6,498 | 7,755 | 35,908 | 21,425 | 2.763 | 2.736 | 2,835 |

SIC 3622 INDUSTRIAL CONTROLS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 27,150 | 145,270 | 17,311 | 33,660 | 81,769 | 281,890 | 413,163 | 7,611 |
| 1959 | 28,227 | 165,574 | 19,190 | 38,744 | 97,893 | 349,843 | 496,681 | 9,796 |
| 1960 | 30,540 | 178,963 | 19,991 | 39,547 | 101,445 | 373,243 | 532,400 | 18,424 |
| 1961 | 31,635 | 192,320 | 20,301 | 40,301 | 105,951 | 388,190 | 548,283 | 17,698 |
| 1962 | 32,870 | 205,336 | 21,814 | 43,923 | 117,850 | 414,800 | 593,261 | 16,293 |
| 1963 | 32,990 | 214,597 | 22,772 | 44,898 | 125,418 | 450,507 | 648,683 | 15,419 |
| 1964 | 34,901 | 235,210 | 24,155 | 47,982 | 139,185 | 502,753 | 732,465 | 19,417 |
| 1965 | 39,370 | 268,811 | 26,834 | 55,510 | 162,565 | 582,634 | 846,326 | 22,553 |
| 1966 | 45,888 | 325,076 | 31,519 | 66,006 | 195,668 | 718,518 | 1,049,017 | 31,890 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 68.2 | 5,351 | 4,724 | 23,867 | 16,284 | 3.447 | 2.429 | 1,944 |
| 1959 | 70.4 | 5,866 | 5,101 | 25,882 | 18,230 | 3.574 | 2.527 | 2,019 |
| 1960 | 70.1 | 5,860 | 5,075 | 26,632 | 18,671 | 3.679 | 2.565 | 1,978 |
| 1961 | 70.8 | 6,079 | 5,219 | 27,008 | 19,122 | 3.664 | 2.629 | 1,985 |
| 1962 | 69.9 | 6,247 | 5,402 | 27,196 | 19,015 | 3.520 | 2.683 | 2,014 |
| 1963 | 69.4 | 6,505 | 5,508 | 28,486 | 19,783 | 3.592 | 2.793 | 1,972 |
| 1964 | 68.6 | 6,739 | 5,762 | 30,324 | 20,814 | 3.612 | 2.901 | 1,986 |
| 1965 | 68.8 | 6,828 | 6,058 | 31,539 | 21,713 | 3.584 | 2.929 | 2,069 |
| 1966 | 68.5 | 7,084 | 6,208 | 33,282 | 22,796 | 3.672 | 2.964 | 2,094 |

SIC 3623 WELDING APPARATUS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 9,895 | 60,761 | 6,392 | 12,746 | 33,048 | 112,709 | 247,739 | 4,330 |
| 1959 | 10,183 | 70,086 | 6,869 | 14,263 | 40,001 | 133,526 | 297,379 | 3,814 |
| 1960 | 11,003 | 76,118 | 7,305 | 14,538 | 40,733 | 142,295 | 310,901 | 4,624 |
| 1961 | 10,662 | 73,266 | 6,912 | 13,848 | 38,942 | 129,534 | 294,372 | N.A. |
| 1962 | 10,092 | 75,179 | 6,510 | 13,782 | 40,796 | 135,546 | 308,559 | 4,727 |
| 1963 | 9,629 | 72,113 | 6,565 | 14,075 | 44,617 | 162,411 | 330,227 | 5,364 |
| 1964 | 11,443 | 91,881 | 7,759 | 18,063 | 57,788 | 192,614 | 389,358 | 6,786 |
| 1965 | 12,640 | 103,515 | 8,506 | 19,455 | 62,837 | 210,782 | 446,522 | 11,112 |
| 1966 | 14,406 | 116,401 | 10,077 | 21,671 | 73,440 | 264,528 | 533,776 | 9,853 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 45.5 | 6,141 | 5,170 | 38,758 | 17,633 | 3.410 | 2.593 | 1,994 |
| 1959 | 44.9 | 6,883 | 5,823 | 43,293 | 19,439 | 3.338 | 2.805 | 2,076 |
| 1960 | 45.8 | 6,918 | 5,576 | 42,560 | 19,479 | 3.493 | 2.802 | 1,990 |
| 1961 | 44.0 | 6,872 | 5,634 | 42,589 | 18,740 | 3.326 | 2.812 | 2,003 |
| 1962 | 43.9 | 7,449 | 6,267 | 47,398 | 20,821 | 3.323 | 2.960 | 2,117 |
| 1963 | 49.2 | 7,489 | 6,796 | 50,301 | 24,739 | 3.640 | 3.170 | 2,144 |
| 1964 | 49.5 | 8,029 | 7,448 | 50,181 | 24,825 | 3.333 | 3.199 | 2,328 |
| 1965 | 47.2 | 8,189 | 7,387 | 52,495 | 24,780 | 3.354 | 3.230 | 2,287 |
| 1966 | 49.6 | 8,080 | 7,288 | 52,970 | 26,251 | 3.602 | 3.389 | 2,151 |

SIC 3624 CARBON & GRAPHITE PRODUCTS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 8,904 | 45,628 | 6,620 | 13,015 | 30,551 | 102,483 | 154,925 | 11,068 |
| 1959 | 9,938 | 53,625 | 7,662 | 15,389 | 37,416 | 118,143 | 193,120 | N.A. |
| 1960 | 9,602 | 52,756 | 7,275 | 14,086 | 35,835 | 120,794 | 184,147 | 7,007 |
| 1961 | 9,239 | 52,323 | 6,886 | 13,511 | 34,917 | 113,946 | 182,887 | 5,499 |
| 1962 | 9,706 | 56,489 | 7,254 | 14,627 | 37,978 | 128,402 | 196,490 | 10,931 |
| 1963 | 10,123 | 61,984 | 7,963 | 16,104 | 44,068 | 141,423 | 226,889 | 11,441 |
| 1964 | 10,852 | 69,954 | 8,290 | 16,894 | 48,779 | 152,468 | 245,228 | 12,509 |
| 1965 | 10,335 | 68,262 | 7,971 | 16,451 | 48,612 | 167,989 | 267,206 | 15,503 |
| 1966 | 10,765 | 73,897 | 8,386 | 17,043 | 51,729 | 175,118 | 283,228 | 20,973 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 66.2 | 5,124 | 4,615 | 23,403 | 15,481 | 3.354 | 2.347 | 1,966 |
| 1959 | 61.2 | 5,396 | 4,883 | 25,205 | 15,419 | 3.158 | 2.431 | 2,008 |
| 1960 | 65.6 | 5,494 | 4,926 | 25,312 | 16,604 | 3.371 | 2.544 | 1,936 |
| 1961 | 62.3 | 5,663 | 5,071 | 26,559 | 16,547 | 3.263 | 2.584 | 1,962 |
| 1962 | 65.3 | 5,820 | 5,235 | 27,087 | 17,701 | 3.381 | 2.596 | 2,016 |
| 1963 | 62.3 | 6,123 | 5,534 | 28,493 | 17,760 | 3.209 | 2.736 | 2,022 |
| 1964 | 62.2 | 6,446 | 5,884 | 29,581 | 18,392 | 3.126 | 2.887 | 2,038 |
| 1965 | 62.9 | 6,605 | 6,099 | 33,522 | 21,075 | 3.456 | 2.955 | 2,064 |
| 1966 | 61.8 | 6,865 | 6,168 | 33,774 | 20,882 | 3.385 | 3.035 | 2,032 |

SIC 3629 ELECTRIC INDUSTRIAL GOODS, NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 16,842 | 78,595 | 11,888 | 23,619 | 47,011 | 137,547 | 228,929 | 8,467 |
| 1959 | 20,011 | 95,197 | 15,233 | 29,991 | 59,075 | 169,148 | 282,148 | 7,798 |
| 1960 | 19,875 | 90,988 | 15,332 | 28,540 | 55,687 | 149,942 | 261,448 | 8,249 |
| 1961 | 18,073 | 79,892 | 13,652 | 25,915 | 50,668 | 142,811 | 236,321 | 7,181 |
| 1962 | 20,588 | 92,263 | 15,613 | 30,010 | 58,048 | 159,035 | 270,812 | 6,700 |
| 1963 | 14,041 | 72,988 | 10,897 | 21,043 | 47,677 | 141,633 | 238,325 | 4,003 |
| 1964 | 14,467 | 76,023 | 11,246 | 21,841 | 49,293 | 134,481 | 242,833 | 4,165 |
| 1965 | 16,271 | 87,758 | 12,589 | 25,449 | 57,311 | 154,674 | 288,229 | 7,983 |
| 1966 | 20,516 | 112,836 | 16,380 | 31,556 | 76,034 | 212,149 | 369,358 | 13,753 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 60.1 | 4,667 | 3,954 | 19,257 | 11,570 | 2,926 | 1,990 | 1,987 |
| 1959 | 60.0 | 4,757 | 3,878 | 18,522 | 11,104 | 2,863 | 1,970 | 1,969 |
| 1960 | 57.4 | 4,578 | 3,632 | 17,052 | 9,780 | 2,693 | 1,951 | 1,861 |
| 1961 | 60.4 | 4,421 | 3,711 | 17,310 | 10,461 | 2,819 | 1,955 | 1,898 |
| 1962 | 58.7 | 4,481 | 3,718 | 17,345 | 10,186 | 2,740 | 1,934 | 1,922 |
| 1963 | 59.4 | 5,198 | 4,375 | 21,871 | 12,997 | 2,971 | 2,266 | 1,931 |
| 1964 | 55.4 | 5,255 | 4,383 | 21,593 | 11,958 | 2,728 | 2,257 | 1,942 |
| 1965 | 53.7 | 5,394 | 4,552 | 22,895 | 12,286 | 2,699 | 2,252 | 2,022 |
| 1966 | 57.4 | 5,500 | 4,642 | 22,549 | 12,952 | 2,790 | 2,409 | 1,926 |

SIC 3631 HOUSEHOLD COOKING EQUIPMENT

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 18,152 | 89,239 | 14,101 | 28,160 | 60,331 | 181,091 | 364,852 | 4,002 |
| 1959 | 18,979 | 96,746 | 14,979 | 29,971 | 66,146 | 194,260 | 411,370 | 6,163 |
| 1960 | 20,127 | 104,139 | 15,031 | 29,197 | 63,084 | 186,191 | 407,253 | 6,970 |
| 1961 | 18,882 | 102,103 | 14,184 | 27,904 | 65,878 | 184,862 | 401,412 | 3,728 |
| 1962 | 18,787 | 102,704 | 14,158 | 27,216 | 66,463 | 192,219 | 411,859 | 4,736 |
| 1963 | 19,191 | 111,266 | 15,149 | 30,356 | 75,580 | 230,285 | 473,453 | 8,216 |
| 1964 | 19,832 | 117,783 | 15,410 | 30,238 | 76,864 | 233,752 | 499,974 | 9,584 |
| 1965 | 20,797 | 125,201 | 16,368 | 33,227 | 86,579 | 263,958 | 553,604 | 13,241 |
| 1966 | 20,720 | 129,920 | 16,426 | 32,907 | 91,775 | 253,725 | 548,488 | 10,121 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 49.6 | 4,916 | 4,278 | 25,874 | 12,842 | 3,002 | 2,142 | 1,997 |
| 1959 | 47.2 | 5,098 | 4,416 | 27,463 | 12,969 | 2,937 | 2,207 | 2,001 |
| 1960 | 45.7 | 5,174 | 4,197 | 27,094 | 12,387 | 2,951 | 2,161 | 1,942 |
| 1961 | 46.1 | 5,407 | 4,645 | 28,300 | 13,033 | 2,806 | 2,361 | 1,967 |
| 1962 | 46.7 | 5,467 | 4,694 | 29,090 | 13,577 | 2,892 | 2,442 | 1,922 |
| 1963 | 48.6 | 5,798 | 4,989 | 31,253 | 15,201 | 3,047 | 2,490 | 2,004 |
| 1964 | 46.8 | 5,939 | 4,988 | 32,445 | 15,169 | 3,041 | 2,542 | 1,962 |
| 1965 | 47.7 | 6,020 | 5,290 | 33,822 | 16,126 | 3,049 | 2,606 | 2,030 |
| 1966 | 46.3 | 6,270 | 5,587 | 33,391 | 15,447 | 2,765 | 2,789 | 2,003 |

SIC 3632 HOUSEHOLD REFRIGERATORS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 41,493 | 221,439 | 33,177 | 65,592 | 167,352 | 433,369 | 1,002,302 | 9,870 |
| 1959 | 47,016 | 253,554 | 38,972 | 77,429 | 195,100 | 537,346 | 1,199,406 | N.A. |
| 1960 | 47,137 | 265,108 | 38,835 | 73,899 | 202,905 | 525,537 | 1,156,781 | 16,023 |
| 1961 | 41,714 | 253,579 | 33,855 | 66,812 | 192,422 | 470,067 | 1,101,562 | 13,757 |
| 1962 | 42,110 | 259,054 | 34,849 | 73,040 | 199,392 | 570,432 | 1,205,186 | 13,333 |
| 1963 | 43,065 | 279,977 | 35,232 | 69,978 | 212,228 | 631,269 | 1,306,539 | 21,765 |
| 1964 | 45,805 | 307,463 | 37,760 | 76,347 | 236,881 | 680,210 | 1,455,020 | 23,591 |
| 1965 | 48,642 | 344,567 | 39,885 | 81,544 | 265,710 | 740,903 | 1,593,542 | 40,754 |
| 1966 | 53,927 | 388,174 | 45,217 | 88,779 | 300,642 | 752,206 | 1,674,924 | 32,126 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 43.2 | 5,337 | 5,044 | 30,211 | 13,062 | 2,590 | 2,551 | 1,977 |
| 1959 | 44.8 | 5,393 | 5,006 | 30,776 | 13,788 | 2,754 | 2,520 | 1,987 |
| 1960 | 45.4 | 5,624 | 5,225 | 29,787 | 13,533 | 2,590 | 2,746 | 1,903 |
| 1961 | 42.7 | 6,079 | 5,684 | 32,538 | 13,885 | 2,443 | 2,880 | 1,973 |
| 1962 | 47.3 | 6,152 | 5,722 | 34,583 | 16,369 | 2,861 | 2,730 | 2,096 |
| 1963 | 48.3 | 6,501 | 6,024 | 37,084 | 17,917 | 2,974 | 3,033 | 1,986 |
| 1964 | 46.7 | 6,712 | 6,273 | 38,533 | 18,014 | 2,872 | 3,103 | 2,022 |
| 1965 | 46.5 | 7,084 | 6,662 | 39,953 | 18,576 | 2,788 | 3,258 | 2,044 |
| 1966 | 44.9 | 7,198 | 6,649 | 37,042 | 16,635 | 2,502 | 3,386 | 1,963 |

SIC 3633 HOUSEHOLD LAUNDRY EQUIPMENT

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS MAN HOURS (\$1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | | | | | |
| 1958 | 24,597 | 134,263 | 18,021 | 35,751 | 89,586 | 324,480 | 738,920 | 7,219 |
| 1959 | 25,906 | 142,060 | 19,380 | 37,521 | 96,586 | 347,376 | 835,786 | 11,125 |
| 1960 | 23,362 | 131,831 | 17,258 | 32,925 | 88,885 | 279,150 | 722,983 | 10,690 |
| 1961 | 21,480 | 126,735 | 15,594 | 30,438 | 83,620 | 313,836 | 715,361 | 7,070 |
| 1962 | 21,091 | 131,584 | 15,584 | 30,648 | 88,528 | 346,398 | 755,743 | 6,419 |
| 1963 | 18,343 | 115,387 | 14,738 | 28,827 | 85,865 | 353,863 | 760,161 | 9,217 |
| 1964 | 20,439 | 131,834 | 16,507 | 32,845 | 97,847 | 379,663 | 831,752 | 14,430 |
| 1965 | 21,009 | 140,164 | 16,123 | 32,113 | 98,137 | 392,907 | 889,167 | 19,245 |
| 1966 | 23,114 | 160,073 | 18,418 | 35,999 | 115,520 | 415,776 | 946,944 | 19,669 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 43.9 | 5,459 | 4,971 | 41,003 | 18,006 | 3.622 | 2.506 | 1,984 |
| 1959 | 41.6 | 5,484 | 4,984 | 43,126 | 17,924 | 3.597 | 2.574 | 1,936 |
| 1960 | 38.6 | 5,643 | 5,150 | 41,893 | 16,175 | 3.141 | 2.700 | 1,908 |
| 1961 | 43.9 | 5,900 | 5,362 | 45,874 | 20,125 | 3.753 | 2.747 | 1,952 |
| 1962 | 45.8 | 6,239 | 5,681 | 48,495 | 22,228 | 3.913 | 2.889 | 1,967 |
| 1963 | 46.6 | 6,291 | 5,826 | 51,578 | 24,010 | 4.121 | 2.979 | 1,956 |
| 1964 | 45.6 | 6,450 | 5,928 | 50,388 | 23,000 | 3.880 | 2.979 | 1,990 |
| 1965 | 44.2 | 6,672 | 6,087 | 55,149 | 24,369 | 4.004 | 3.056 | 1,992 |
| 1966 | 43.9 | 6,925 | 6,272 | 51,414 | 22,574 | 3.599 | 3.209 | 1,955 |

SIC 3634 ELECTRICAL HOUSEWARES & FANS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS MAN HOURS (\$1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | | | | | |
| 1958 | 29,150 | 128,850 | 22,477 | 42,804 | 84,557 | 301,033 | 559,090 | 9,985 |
| 1959 | 30,226 | 139,094 | 23,815 | 45,929 | 93,074 | 335,014 | 596,219 | 10,688 |
| 1960 | 32,334 | 152,561 | 25,833 | 49,101 | 101,544 | 355,716 | 628,566 | 11,193 |
| 1961 | 31,789 | 151,653 | 25,308 | 47,744 | 99,992 | 359,976 | 671,054 | 8,688 |
| 1962 | 35,006 | 170,608 | 27,922 | 52,166 | 112,907 | 403,992 | 740,524 | 10,679 |
| 1963 | 38,801 | 188,257 | 31,053 | 59,567 | 126,912 | 463,845 | 850,281 | 17,009 |
| 1964 | 38,349 | 190,900 | 30,332 | 60,461 | 128,669 | 478,390 | 889,127 | 14,652 |
| 1965 | 41,297 | 211,307 | 33,891 | 68,409 | 144,797 | 574,414 | 980,175 | 26,264 |
| 1966 | 44,702 | 236,338 | 36,599 | 70,445 | 161,262 | 612,665 | 1,127,789 | 25,861 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 53.8 | 4,420 | 3,762 | 24,874 | 13,393 | 3.560 | 1.975 | 1,904 |
| 1959 | 56.2 | 4,602 | 3,908 | 25,035 | 14,067 | 3.599 | 2.026 | 1,929 |
| 1960 | 56.6 | 4,718 | 3,931 | 24,332 | 13,770 | 3.503 | 2.068 | 1,901 |
| 1961 | 53.6 | 4,771 | 3,951 | 26,515 | 14,224 | 3.600 | 2.094 | 1,887 |
| 1962 | 54.6 | 4,874 | 4,044 | 26,521 | 14,469 | 3.578 | 2.164 | 1,868 |
| 1963 | 54.6 | 4,852 | 4,097 | 27,382 | 14,937 | 3.655 | 2.131 | 1,918 |
| 1964 | 53.8 | 4,978 | 4,242 | 29,313 | 15,772 | 3.718 | 2.128 | 1,993 |
| 1965 | 58.6 | 5,117 | 4,272 | 28,921 | 16,949 | 3.967 | 2.117 | 2,019 |
| 1966 | 54.3 | 5,287 | 4,406 | 30,815 | 16,740 | 3.799 | 2.289 | 1,925 |

SIC 3635 HOUSEHOLD VACUUM CLEANERS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS MAN HOURS (\$1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | | | | | |
| 1958 | 5,330 | 29,863 | 3,750 | 7,454 | 17,956 | 84,180 | 142,020 | 2,217 |
| 1959 | 5,872 | 33,590 | 4,221 | 8,498 | 20,748 | 90,233 | 153,692 | 4,184 |
| 1960 | 5,739 | 33,634 | 4,057 | 7,894 | 20,312 | 94,148 | 154,421 | 2,280 |
| 1961 | 5,672 | 33,303 | 3,980 | 7,619 | 19,728 | 90,237 | 150,803 | 2,803 |
| 1962 | 5,553 | 33,439 | 4,016 | 7,807 | 20,692 | 107,518 | 163,580 | 4,232 |
| 1963 | 5,682 | 35,524 | 4,235 | 8,208 | 22,670 | 116,137 | 175,357 | 5,739 |
| 1964 | 5,676 | 35,738 | 4,124 | 8,131 | 22,674 | 119,683 | 184,652 | 3,867 |
| 1965 | 6,430 | 40,786 | 4,753 | 9,139 | 26,268 | 131,360 | 210,562 | 6,634 |
| 1966 | 8,182 | 51,090 | 6,223 | 11,945 | 34,273 | 156,119 | 252,551 | 4,639 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 59.3 | 5,603 | 4,788 | 37,872 | 22,448 | 4.688 | 2.409 | 1,988 |
| 1959 | 58.7 | 5,720 | 4,915 | 36,411 | 21,377 | 4.349 | 2.442 | 2,013 |
| 1960 | 61.0 | 5,861 | 5,007 | 38,063 | 23,206 | 4.635 | 2.573 | 1,946 |
| 1961 | 59.8 | 5,871 | 4,957 | 37,890 | 22,673 | 4.574 | 2.589 | 1,914 |
| 1962 | 65.7 | 6,022 | 5,152 | 40,732 | 26,772 | 5.196 | 2.650 | 1,944 |
| 1963 | 66.2 | 6,252 | 5,353 | 41,407 | 27,423 | 5.123 | 2.762 | 1,938 |
| 1964 | 64.8 | 6,296 | 5,498 | 44,775 | 29,021 | 5.278 | 2.789 | 1,972 |
| 1965 | 62.4 | 6,343 | 5,527 | 44,301 | 27,637 | 5.001 | 2.874 | 1,923 |
| 1966 | 61.8 | 6,244 | 5,507 | 40,583 | 25,087 | 4.555 | 2.869 | 1,919 |

SIC 3636 SEWING MACHINES

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | PRODUCTION WORKERS NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-----------------|------------------------------------|------------------------------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | | | | | | | | |
| 1958 | 9,607 | 48,314 | 7,004 | 13,343 | 32,782 | 61,991 | 109,314 | 5,380 |
| 1959 | 9,771 | 53,524 | 7,109 | 13,904 | 34,834 | 72,248 | 128,647 | N.A. |
| 1960 | 10,373 | 62,407 | 7,132 | 15,748 | 41,168 | 87,526 | 134,925 | 4,262 |
| 1961 | 9,921 | 58,926 | 6,703 | 13,791 | 38,008 | 89,730 | 136,765 | 3,511 |
| 1962 | 6,793 | 44,702 | 4,538 | 10,141 | 29,098 | 81,537 | 120,327 | 1,536 |
| 1963 | 7,646 | 51,962 | 5,844 | 12,136 | 36,303 | 98,328 | 117,157 | 2,568 |
| 1964 | 7,597 | 51,791 | 5,671 | 11,501 | 34,806 | 74,064 | 120,110 | 2,679 |
| 1965 | 6,742 | 49,150 | 4,813 | 10,431 | 32,814 | 88,454 | 128,685 | 2,614 |
| 1966 | 6,073 | 48,189 | 4,629 | 10,625 | 34,781 | 97,441 | 120,778 | 3,461 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 56.7 | 5,029 | 4,680 | 15,607 | 8,851 | 1.891 | 2.457 | 1,905 |
| 1959 | 56.2 | 5,478 | 4,900 | 18,096 | 10,163 | 2.074 | 2.505 | 1,956 |
| 1960 | 64.9 | 6,016 | 5,772 | 18,918 | 12,272 | 2.126 | 2.614 | 2,208 |
| 1961 | 65.6 | 5,940 | 5,670 | 20,404 | 13,387 | 2.361 | 2.756 | 2,057 |
| 1962 | 67.8 | 6,581 | 6,412 | 26,515 | 17,968 | 2.802 | 2.869 | 2,235 |
| 1963 | 83.9 | 6,796 | 6,212 | 20,047 | 16,825 | 2.709 | 2.991 | 2,077 |
| 1964 | 61.7 | 6,818 | 6,138 | 21,180 | 13,060 | 2.128 | 3.026 | 2,028 |
| 1965 | 68.7 | 7,290 | 6,818 | 26,737 | 18,378 | 2.696 | 3.146 | 2,167 |
| 1966 | 80.7 | 7,935 | 7,514 | 26,092 | 21,050 | 2.802 | 3.213 | 2,339 |

SIC 3639 HOUSEHOLD APPLIANCES NEC

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | PRODUCTION WORKERS NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-----------------|------------------------------------|------------------------------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | | | | | | | | |
| 1958 | 14,622 | 79,658 | 10,102 | 19,985 | 47,367 | 162,664 | 378,758 | 4,365 |
| 1959 | 14,359 | 81,506 | 10,021 | 19,003 | 49,190 | 161,668 | 398,977 | N.A. |
| 1960 | 12,460 | 73,598 | 8,869 | 17,603 | 44,842 | 143,146 | 348,470 | 8,298 |
| 1961 | 12,219 | 73,317 | 8,625 | 17,414 | 46,583 | 140,968 | 353,219 | N.A. |
| 1962 | 13,168 | 79,532 | 9,798 | 19,565 | 52,889 | 172,287 | 412,638 | 7,532 |
| 1963 | 13,127 | 81,590 | 9,896 | 19,929 | 54,286 | 204,188 | 435,458 | 6,738 |
| 1964 | 13,068 | 84,261 | 9,704 | 19,886 | 57,530 | 221,493 | 466,843 | 9,037 |
| 1965 | 12,979 | 85,064 | 10,067 | 20,289 | 58,768 | 225,022 | 475,669 | 11,731 |
| 1966 | 12,941 | 84,672 | 9,886 | 20,262 | 57,218 | 211,699 | 448,873 | 15,621 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 42.9 | 5,448 | 4,689 | 37,493 | 16,102 | 3.434 | 2.370 | 1,978 |
| 1959 | 40.5 | 5,676 | 4,909 | 39,814 | 16,133 | 3.287 | 2.589 | 1,896 |
| 1960 | 41.1 | 5,907 | 5,056 | 39,291 | 16,140 | 3.192 | 2.547 | 1,985 |
| 1961 | 39.9 | 6,000 | 5,401 | 40,953 | 16,344 | 3.026 | 2.675 | 2,019 |
| 1962 | 41.8 | 6,040 | 5,398 | 42,115 | 17,584 | 3.258 | 2.703 | 1,997 |
| 1963 | 46.9 | 6,215 | 5,486 | 44,003 | 20,633 | 3.761 | 2.724 | 2,014 |
| 1964 | 47.4 | 6,448 | 5,809 | 47,137 | 22,364 | 3.850 | 2.893 | 2,008 |
| 1965 | 47.3 | 6,554 | 5,838 | 47,250 | 22,352 | 3.829 | 2.897 | 2,015 |
| 1966 | 47.2 | 6,543 | 5,788 | 45,405 | 21,414 | 3.700 | 2.824 | 2,050 |

SIC 3641 ELECTRIC LAMPS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | PRODUCTION WORKERS NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|-----------------|------------------------------------|------------------------------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | | | | | | | | |
| 1958 | 21,495 | 95,298 | 18,236 | 35,119 | 73,625 | 270,498 | 417,516 | 8,276 |
| 1959 | 22,849 | 109,866 | 18,789 | 39,622 | 87,232 | 339,166 | 497,282 | 10,613 |
| 1960 | 23,921 | 114,068 | 19,707 | 39,453 | 89,938 | 355,694 | 517,419 | 10,465 |
| 1961 | 21,569 | 107,675 | 17,595 | 35,982 | 84,018 | 336,172 | 513,186 | 10,738 |
| 1962 | 22,579 | 116,350 | 18,827 | 38,820 | 92,593 | 367,055 | 544,880 | 12,694 |
| 1963 | 23,404 | 122,721 | 20,461 | 40,256 | 99,476 | 362,235 | 574,522 | 17,040 |
| 1964 | 24,200 | 131,609 | 20,989 | 41,259 | 105,058 | 407,705 | 615,378 | 18,140 |
| 1965 | 25,794 | 144,334 | 22,468 | 44,408 | 117,025 | 443,340 | 672,918 | 30,071 |
| 1966 | 27,725 | 160,097 | 24,271 | 48,187 | 129,435 | 494,803 | 741,977 | 24,133 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 64.8 | 4,433 | 4,037 | 22,895 | 14,833 | 3.674 | 2.096 | 1,926 |
| 1959 | 68.2 | 4,808 | 4,643 | 26,467 | 18,051 | 3.888 | 2.202 | 2,109 |
| 1960 | 68.7 | 4,769 | 4,564 | 26,256 | 18,049 | 3.955 | 2.280 | 2,002 |
| 1961 | 65.5 | 4,992 | 4,775 | 29,167 | 19,106 | 4.001 | 2.335 | 2,045 |
| 1962 | 67.4 | 5,153 | 4,918 | 28,941 | 19,496 | 3.964 | 2.385 | 2,062 |
| 1963 | 63.0 | 5,244 | 4,862 | 28,079 | 17,704 | 3.641 | 2.471 | 1,967 |
| 1964 | 66.3 | 5,438 | 5,005 | 29,319 | 19,425 | 3.881 | 2.546 | 1,966 |
| 1965 | 65.9 | 5,596 | 5,209 | 29,950 | 19,732 | 3.788 | 2.635 | 1,976 |
| 1966 | 66.7 | 5,774 | 5,333 | 30,571 | 20,387 | 3.823 | 2.686 | 1,985 |

SIC 3642 LIGHTING FIXTURES

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED | VALUE SHIPMENTS | CAPITAL EXPENDITURES |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | MAN HOURS (\$1,000) | WAGES (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) |
| 1958 | 47,309 | 215,829 | 36,443 | 71,605 | 143,786 | 397,378 | 826,595 | 14,415 |
| 1959 | 51,182 | 244,438 | 40,489 | 79,998 | 162,814 | 452,280 | 946,059 | 15,029 |
| 1960 | 51,775 | 249,249 | 40,971 | 80,627 | 167,247 | 467,989 | 978,015 | 15,194 |
| 1961 | 49,768 | 249,070 | 39,313 | 75,728 | 165,029 | 476,797 | 984,193 | 12,178 |
| 1962 | 51,914 | 272,202 | 41,112 | 80,132 | 180,250 | 548,710 | 1,107,262 | 15,176 |
| 1963 | 53,866 | 288,148 | 42,052 | 83,284 | 193,464 | 587,834 | 1,159,497 | 23,072 |
| 1964 | 56,879 | 313,527 | 44,054 | 79,186 | 204,831 | 621,867 | 1,250,732 | 28,036 |
| 1965 | 61,618 | 353,395 | 48,582 | 97,540 | 237,199 | 742,694 | 1,425,413 | 39,267 |
| 1966 | 64,697 | 375,648 | 50,877 | 99,994 | 247,969 | 782,366 | 1,544,065 | 40,170 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 48.1 | 4,562 | 3,946 | 22,682 | 10,904 | 2.764 | 2.008 | 1,965 |
| 1959 | 47.8 | 4,776 | 4,021 | 23,366 | 11,170 | 2.778 | 2.035 | 1,976 |
| 1960 | 47.9 | 4,814 | 4,082 | 23,871 | 11,422 | 2.798 | 2.074 | 1,968 |
| 1961 | 48.4 | 5,005 | 4,198 | 25,035 | 12,128 | 2.889 | 2.179 | 1,926 |
| 1962 | 49.6 | 5,243 | 4,384 | 26,933 | 13,347 | 3.044 | 2.249 | 1,949 |
| 1963 | 50.7 | 5,349 | 4,601 | 27,573 | 13,979 | 3.038 | 2.323 | 1,981 |
| 1964 | 49.7 | 5,512 | 4,650 | 28,391 | 14,116 | 3.036 | 2.587 | 1,797 |
| 1965 | 52.1 | 5,735 | 4,882 | 29,340 | 15,287 | 3.131 | 2.432 | 2,008 |
| 1966 | 50.7 | 5,806 | 4,874 | 30,349 | 15,378 | 3.155 | 2.480 | 1,965 |

SIC 3643 CURRENT CARRYING DEVICES

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED | VALUE SHIPMENTS | CAPITAL EXPENDITURES |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | MAN HOURS (\$1,000) | WAGES (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) |
| 1958 | 35,692 | 155,976 | 26,556 | 51,612 | 100,229 | 300,836 | 501,309 | 9,629 |
| 1959 | 41,341 | 179,230 | 32,976 | 63,591 | 118,510 | 371,770 | 611,132 | 13,990 |
| 1960 | 41,942 | 187,291 | 32,261 | 62,779 | 115,317 | 371,439 | 625,587 | 17,967 |
| 1961 | 41,536 | 196,028 | 31,827 | 62,831 | 124,932 | 388,469 | 639,532 | 15,534 |
| 1962 | 40,633 | 189,586 | 32,018 | 63,058 | 125,804 | 386,741 | 649,849 | 14,877 |
| 1963 | 35,424 | 175,185 | 27,239 | 53,474 | 115,097 | 355,643 | 615,980 | 14,119 |
| 1964 | 35,864 | 183,885 | 27,239 | 53,244 | 118,687 | 401,380 | 673,233 | 16,844 |
| 1965 | 36,789 | 194,718 | 28,678 | 56,493 | 129,224 | 432,801 | 708,220 | 25,875 |
| 1966 | 39,437 | 218,018 | 31,315 | 60,831 | 145,509 | 497,560 | 811,296 | 34,180 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 60.0 | 4,370 | 3,774 | 18,877 | 11,328 | 3.001 | 1.942 | 1,944 |
| 1959 | 60.8 | 4,335 | 3,594 | 18,533 | 11,274 | 3.137 | 1.864 | 1,928 |
| 1960 | 59.4 | 4,465 | 3,575 | 19,391 | 11,514 | 3.221 | 1.837 | 1,946 |
| 1961 | 60.7 | 4,719 | 3,925 | 20,094 | 12,206 | 3.109 | 1.988 | 1,974 |
| 1962 | 59.5 | 4,666 | 3,929 | 20,296 | 12,079 | 3.074 | 1.995 | 1,969 |
| 1963 | 57.7 | 4,945 | 4,225 | 22,614 | 13,056 | 3.090 | 2.152 | 1,963 |
| 1964 | 59.6 | 5,127 | 4,357 | 24,716 | 14,735 | 3.382 | 2.229 | 1,955 |
| 1965 | 61.1 | 5,293 | 4,506 | 24,696 | 15,092 | 3.349 | 2.287 | 1,970 |
| 1966 | 61.3 | 5,528 | 4,647 | 25,908 | 15,889 | 3.419 | 2.392 | 1,943 |

SIC 3644 NONCURRENT CARRYING DEVICES

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED | VALUE SHIPMENTS | CAPITAL EXPENDITURES |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | MAN HOURS (\$1,000) | WAGES (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) |
| 1958 | 19,722 | 101,382 | 14,574 | 28,741 | 67,772 | 214,607 | 413,758 | 9,976 |
| 1959 | 23,168 | 126,261 | 16,053 | 34,424 | 83,998 | 264,741 | 469,762 | 10,135 |
| 1960 | 22,353 | 121,955 | 15,289 | 31,280 | 79,066 | 246,821 | 430,830 | 10,743 |
| 1961 | 23,210 | 134,102 | 15,929 | 33,062 | 85,874 | 257,540 | 472,762 | 12,873 |
| 1962 | 23,020 | 134,980 | 15,897 | 32,912 | 86,099 | 255,935 | 487,340 | 11,082 |
| 1963 | 20,290 | 123,576 | 14,756 | 29,691 | 79,605 | 253,918 | 479,033 | 7,873 |
| 1964 | 20,632 | 132,095 | 15,390 | 31,383 | 87,537 | 290,988 | 520,216 | 10,330 |
| 1965 | 21,497 | 143,247 | 15,957 | 33,182 | 95,759 | 326,191 | 591,808 | 15,741 |
| 1966 | 24,262 | 170,607 | 18,104 | 37,229 | 114,011 | 360,326 | 673,929 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 51.9 | 5,141 | 4,650 | 28,390 | 14,725 | 3.167 | 2.358 | 1,972 |
| 1959 | 56.4 | 5,450 | 5,233 | 29,263 | 16,492 | 3.152 | 2.440 | 2,144 |
| 1960 | 57.3 | 5,456 | 5,171 | 28,179 | 16,144 | 3.122 | 2.528 | 2,046 |
| 1961 | 54.5 | 5,778 | 5,391 | 29,679 | 16,168 | 2.999 | 2.597 | 2,076 |
| 1962 | 52.5 | 5,864 | 5,416 | 30,656 | 16,100 | 2.973 | 2.616 | 2,070 |
| 1963 | 53.0 | 6,090 | 5,395 | 32,464 | 17,208 | 3.190 | 2.681 | 2,012 |
| 1964 | 55.9 | 6,402 | 5,688 | 33,802 | 18,908 | 3.324 | 2.789 | 2,039 |
| 1965 | 55.1 | 6,664 | 6,001 | 37,088 | 20,442 | 3.406 | 2.886 | 2,079 |
| 1966 | 53.5 | 7,032 | 6,298 | 37,225 | 19,903 | 3.160 | 3.062 | 2,056 |

SIC 3651 RADIO & TV RECEIVING SETS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 66,505 | 292,664 | 52,047 | 100,487 | 196,565 | 593,953 | 1,548,006 | 13,323 |
| 1959 | 74,874 | 339,395 | 60,168 | 116,187 | 231,738 | 727,108 | 1,781,133 | 16,610 |
| 1960 | 71,743 | 340,600 | 56,269 | 108,463 | 222,348 | 694,336 | 1,719,337 | 19,594 |
| 1961 | 76,837 | 369,982 | 59,553 | 112,093 | 239,326 | 728,832 | 1,849,180 | N.A. |
| 1962 | 82,951 | 408,332 | 66,052 | 127,222 | 273,350 | 868,958 | 2,128,875 | 27,096 |
| 1963 | 81,264 | 411,924 | 66,538 | 128,463 | 289,287 | 911,954 | 2,254,878 | 30,511 |
| 1964 | 86,495 | 440,584 | 70,869 | 139,751 | 312,716 | 983,355 | 2,509,666 | 33,334 |
| 1965 | 100,136 | 535,148 | 83,099 | 166,226 | 393,233 | 1,249,412 | 3,207,503 | 58,764 |
| 1966 | 130,183 | 679,412 | 109,791 | 213,955 | 509,753 | 1,674,819 | 4,091,865 | 121,120 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 38.4 | 4,401 | 3,777 | 29,742 | 11,412 | 3.022 | 1.956 | 1,931 |
| 1959 | 40.8 | 4,533 | 3,852 | 29,603 | 12,085 | 3.138 | 1.995 | 1,931 |
| 1960 | 40.4 | 4,748 | 3,952 | 30,556 | 12,340 | 3.123 | 2.050 | 1,928 |
| 1961 | 39.4 | 4,815 | 4,019 | 31,051 | 12,238 | 3.045 | 2.135 | 1,882 |
| 1962 | 40.8 | 4,923 | 4,138 | 32,230 | 13,156 | 3.179 | 2.149 | 1,926 |
| 1963 | 40.4 | 5,069 | 4,348 | 33,889 | 13,706 | 3.152 | 2.252 | 1,931 |
| 1964 | 39.2 | 5,094 | 4,413 | 35,413 | 13,876 | 3.145 | 2.238 | 1,972 |
| 1965 | 39.0 | 5,344 | 4,732 | 38,599 | 15,035 | 3.177 | 2.366 | 2,000 |
| 1966 | 40.9 | 5,219 | 4,643 | 37,270 | 15,255 | 3.286 | 2.383 | 1,949 |

SIC 3652 PHONOGRAPH RECORDS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 7,421 | 33,381 | 5,858 | 12,158 | 23,739 | 93,079 | 148,731 | 4,011 |
| 1959 | 7,590 | 35,158 | 6,017 | 12,536 | 25,181 | 91,893 | 150,589 | 4,326 |
| 1960 | 8,170 | 37,436 | 6,459 | 13,268 | 26,333 | 99,629 | 154,944 | 5,611 |
| 1961 | 8,391 | 39,643 | 6,596 | 13,146 | 27,811 | 109,533 | 165,467 | 3,484 |
| 1962 | 9,161 | 45,278 | 7,068 | 14,419 | 31,492 | 126,257 | 189,263 | 3,145 |
| 1963 | 9,554 | 46,981 | 7,566 | 15,022 | 32,976 | 125,388 | 180,173 | 8,704 |
| 1964 | 9,853 | 47,906 | 8,038 | 15,944 | 34,994 | 152,370 | 207,162 | 8,108 |
| 1965 | 10,102 | 52,185 | 8,255 | 16,811 | 37,483 | 140,720 | 201,448 | 7,264 |
| 1966 | 10,997 | 57,848 | 9,062 | 18,043 | 42,990 | 156,164 | 218,442 | 7,642 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 62.6 | 4,498 | 4,052 | 25,389 | 15,889 | 3.921 | 1.953 | 2,075 |
| 1959 | 61.0 | 4,632 | 4,185 | 25,027 | 15,272 | 3.649 | 2.009 | 2,083 |
| 1960 | 64.3 | 4,582 | 4,077 | 23,989 | 15,425 | 3.783 | 1.985 | 2,054 |
| 1961 | 66.2 | 4,724 | 4,216 | 25,086 | 16,606 | 3.938 | 2.116 | 1,993 |
| 1962 | 66.7 | 4,942 | 4,456 | 26,777 | 17,863 | 4.009 | 2.184 | 2,040 |
| 1963 | 69.6 | 4,917 | 4,358 | 23,814 | 16,573 | 3.802 | 2.195 | 1,985 |
| 1964 | 73.6 | 4,862 | 4,354 | 25,773 | 18,956 | 4.354 | 2.195 | 1,984 |
| 1965 | 69.9 | 5,166 | 4,541 | 24,403 | 17,047 | 3.754 | 2.230 | 2,036 |
| 1966 | 71.5 | 5,260 | 4,744 | 24,105 | 17,233 | 3.633 | 2.383 | 1,991 |

SIC 3661 TELEPHONE TELEGRAPH APPARATUS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 80,061 | 430,739 | 54,340 | 105,522 | 268,869 | 715,511 | 1,207,955 | 102,810 |
| 1959 | 80,383 | 464,099 | 56,106 | 111,772 | 286,906 | 797,960 | 1,295,182 | N.A. |
| 1960 | 87,488 | 529,737 | 61,092 | 123,994 | 329,534 | 845,918 | 1,484,464 | 78,231 |
| 1961 | 92,237 | 562,195 | 62,441 | 124,155 | 339,057 | 1,004,141 | 1,680,375 | 65,327 |
| 1962 | 98,674 | 620,722 | 68,196 | 136,018 | 377,974 | 1,024,651 | 1,883,602 | 77,372 |
| 1963 | 89,465 | 554,375 | 63,983 | 122,707 | 358,741 | 1,013,792 | 1,736,358 | 55,127 |
| 1964 | 93,991 | 630,040 | 67,573 | 132,273 | 409,814 | 1,128,598 | 1,954,252 | 53,500 |
| 1965 | 102,226 | 705,438 | 75,270 | 150,136 | 469,296 | 1,361,468 | 2,272,626 | 89,893 |
| 1966 | 112,655 | 780,364 | 82,092 | 158,389 | 507,277 | 1,431,775 | 2,466,996 | 109,688 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 59.2 | 5,380 | 4,948 | 22,230 | 13,167 | 2.661 | 2.548 | 1,942 |
| 1959 | 61.6 | 5,774 | 5,114 | 23,085 | 14,222 | 2.781 | 2.567 | 1,992 |
| 1960 | 57.0 | 6,055 | 5,394 | 24,299 | 13,847 | 2.567 | 2.658 | 2,030 |
| 1961 | 59.8 | 6,095 | 5,430 | 26,911 | 16,081 | 2.962 | 2.731 | 1,988 |
| 1962 | 54.4 | 6,291 | 5,542 | 27,620 | 15,025 | 2.711 | 2.779 | 1,995 |
| 1963 | 58.4 | 6,197 | 5,607 | 27,138 | 15,845 | 2.826 | 2.924 | 1,918 |
| 1964 | 57.8 | 6,703 | 6,065 | 28,921 | 16,702 | 2.754 | 3.098 | 1,957 |
| 1965 | 59.9 | 6,901 | 6,235 | 30,193 | 18,088 | 2.901 | 3.126 | 1,995 |
| 1966 | 58.0 | 6,927 | 6,179 | 30,052 | 17,441 | 2.822 | 3.203 | 1,929 |

SIC 3662 RADIO, TV COMMUNICATIONS EQUIP.

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|----------------------------|--------------------------------------|-------------------------------------|--|--|---|--|
| | NUMBER | PAYROLL | NUMBER | MAN HOURS | WAGES | ADDED | SHIPMENTS | EXPENDITURES |
| | | (\$1,000) | | (1,000) | (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) |
| 1958 | 154,350 | 924,071 | 88,523 | 178,315 | 433,648 | 1,558,261 | 2,852,617 | 56,147 |
| 1959 | 187,129 | 1,186,871 | 107,901 | 220,684 | 568,945 | 1,831,100 | 3,540,848 | 79,484 |
| 1960 | 239,742 | 1,602,632 | 127,124 | 277,842 | 738,599 | 2,399,539 | 4,458,261 | 97,907 |
| 1961 | 307,660 | 2,162,513 | 149,958 | 326,332 | 915,941 | 3,160,576 | 5,682,482 | 112,932 |
| 1962 | 348,401 | 2,575,807 | 178,138 | 380,720 | 1,207,580 | 3,914,678 | 6,663,654 | 114,325 |
| 1963 | 387,384 | 2,840,218 | 205,698 | 419,121 | 1,230,671 | 4,327,671 | 7,145,600 | 138,734 |
| 1964 | 353,301 | 2,638,655 | 181,728 | 367,526 | 1,170,102 | 4,258,060 | 6,510,178 | 124,540 |
| 1965 | 352,941 | 2,813,931 | 185,654 | 378,723 | 1,179,317 | 4,349,141 | 6,861,592 | 147,587 |
| 1966 | 376,680 | 3,086,819 | 208,232 | 415,460 | 1,325,593 | 4,855,258 | 7,562,632 | 187,948 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 54.6 | 5,987 | 4,899 | 32,225 | 17,603 | 3.593 | 2.432 | 2,014 |
| 1959 | 51.7 | 6,343 | 5,273 | 32,816 | 16,970 | 3.218 | 2.578 | 2,045 |
| 1960 | 53.8 | 6,685 | 5,810 | 35,070 | 18,876 | 3.249 | 2.658 | 2,186 |
| 1961 | 55.6 | 7,029 | 6,108 | 37,894 | 21,076 | 3.451 | 2.807 | 2,176 |
| 1962 | 58.7 | 7,393 | 6,779 | 37,407 | 21,976 | 3.242 | 3.172 | 2,137 |
| 1963 | 60.6 | 7,332 | 5,983 | 34,738 | 21,039 | 3.517 | 2.936 | 2,038 |
| 1964 | 65.4 | 7,469 | 6,439 | 35,824 | 23,431 | 3.639 | 3.184 | 2,022 |
| 1965 | 63.4 | 7,973 | 6,352 | 36,959 | 23,426 | 3.688 | 3.114 | 2,040 |
| 1966 | 64.2 | 8,195 | 6,366 | 36,318 | 23,317 | 3.663 | 3.191 | 1,995 |

SIC 3671 ELECTRON TUBES, RECEIVING TYPE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|----------------------------|--------------------------------------|-------------------------------------|--|--|---|--|
| | NUMBER | PAYROLL | NUMBER | MAN HOURS | WAGES | ADDED | SHIPMENTS | EXPENDITURES |
| | | (\$1,000) | | (1,000) | (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) |
| 1958 | 36,968 | 149,540 | 30,931 | 57,271 | 110,707 | 285,799 | 382,526 | 11,514 |
| 1959 | 37,391 | 163,173 | 30,374 | 56,139 | 113,322 | 323,801 | 422,068 | 12,201 |
| 1960 | 36,182 | 162,071 | 29,234 | 51,340 | 107,312 | 299,998 | 397,032 | 14,695 |
| 1961 | 27,179 | 131,675 | 21,715 | 39,561 | 88,014 | 230,913 | 313,860 | 8,275 |
| 1962 | 26,575 | 134,616 | 21,381 | 40,443 | 92,592 | 239,125 | 310,224 | 5,308 |
| 1963 | 25,850 | 136,768 | 20,357 | 37,670 | 88,463 | 250,681 | 321,091 | 5,596 |
| 1964 | 21,938 | 118,595 | 17,863 | 33,505 | 79,080 | 202,309 | 279,918 | 4,178 |
| 1965 | 22,296 | 123,737 | 18,346 | 35,263 | 86,177 | 214,266 | 294,165 | 6,877 |
| 1966 | 24,266 | 140,784 | 20,734 | 41,189 | 103,362 | 243,685 | 336,150 | 8,294 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 74.7 | 4,045 | 3,579 | 12,367 | 9,240 | 2.582 | 1.933 | 1,852 |
| 1959 | 76.7 | 4,364 | 3,731 | 13,896 | 10,660 | 2.857 | 2.019 | 1,848 |
| 1960 | 75.6 | 4,479 | 3,671 | 13,581 | 10,262 | 2.796 | 2.090 | 1,756 |
| 1961 | 73.6 | 4,845 | 4,053 | 14,454 | 10,634 | 2.624 | 2.225 | 1,822 |
| 1962 | 77.1 | 5,066 | 4,331 | 14,509 | 11,184 | 2.583 | 2.289 | 1,892 |
| 1963 | 78.1 | 5,291 | 4,346 | 15,773 | 12,314 | 2.834 | 2.348 | 1,850 |
| 1964 | 72.3 | 5,406 | 4,427 | 15,670 | 11,326 | 2.558 | 2.360 | 1,876 |
| 1965 | 72.8 | 5,550 | 4,697 | 16,034 | 11,679 | 2.486 | 2.444 | 1,922 |
| 1966 | 72.5 | 5,802 | 4,985 | 16,213 | 11,753 | 2.358 | 2.509 | 1,987 |

SIC 3672 CATHODE RAY PICTURE TUBES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|----------------------------|--------------------------------------|-------------------------------------|--|--|---|--|
| | NUMBER | PAYROLL | NUMBER | MAN HOURS | WAGES | ADDED | SHIPMENTS | EXPENDITURES |
| | | (\$1,000) | | (1,000) | (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) |
| 1958 | 8,554 | 38,092 | 6,955 | 14,183 | 27,570 | 67,472 | 159,252 | 1,794 |
| 1959 | 7,649 | 40,314 | 6,135 | 12,841 | 28,845 | 82,493 | 183,169 | N.A. |
| 1960 | 8,019 | 43,015 | 6,597 | 13,350 | 30,999 | 77,056 | 179,932 | 3,125 |
| 1961 | 7,498 | 41,059 | 6,094 | 12,475 | 28,671 | 84,073 | 183,505 | N.A. |
| 1962 | 6,809 | 40,212 | 5,425 | 11,158 | 27,485 | 63,406 | 167,947 | 3,666 |
| 1963 | 10,916 | 66,888 | 7,958 | 16,634 | 40,468 | 128,354 | 269,122 | 16,138 |
| 1964 | 11,276 | 73,705 | 8,056 | 17,963 | 43,907 | 161,984 | 308,921 | 18,786 |
| 1965 | 14,296 | 96,727 | 10,771 | 23,780 | 61,747 | 273,565 | 458,670 | 42,202 |
| 1966 | 24,737 | 156,786 | 19,583 | 42,708 | 111,126 | 472,502 | 812,433 | 72,452 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 42.4 | 4,453 | 3,964 | 22,897 | 9,701 | 2.447 | 1.944 | 2,039 |
| 1959 | 45.0 | 5,270 | 4,702 | 29,856 | 13,446 | 2.860 | 2.246 | 2,093 |
| 1960 | 42.8 | 5,364 | 4,699 | 27,275 | 11,680 | 2.486 | 2.322 | 2,024 |
| 1961 | 45.8 | 5,476 | 4,705 | 30,112 | 13,796 | 2.932 | 2.298 | 2,047 |
| 1962 | 37.8 | 5,906 | 5,066 | 30,958 | 11,688 | 2.307 | 2.463 | 2,057 |
| 1963 | 47.7 | 6,128 | 5,085 | 33,818 | 16,129 | 3.172 | 2.433 | 2,090 |
| 1964 | 52.4 | 6,536 | 5,450 | 38,347 | 20,107 | 3.689 | 2.444 | 2,230 |
| 1965 | 59.6 | 6,766 | 5,733 | 42,584 | 25,398 | 4.430 | 2.597 | 2,208 |
| 1966 | 58.2 | 6,338 | 5,675 | 41,487 | 24,128 | 4.252 | 2.602 | 2,181 |

SIC 3673 ELECTRON TUBES, TRANSMITTING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 20,146 | 102,150 | 14,475 | 29,472 | 65,134 | 165,803 | 258,474 | 9,021 |
| 1959 | 22,658 | 123,172 | 14,487 | 29,687 | 69,322 | 201,343 | 291,903 | 11,818 |
| 1960 | 22,273 | 125,485 | 13,665 | 27,667 | 66,540 | 203,477 | 292,842 | 20,190 |
| 1961 | 23,263 | 140,755 | 14,248 | 29,058 | 75,543 | 225,177 | 335,528 | 16,727 |
| 1962 | 25,023 | 157,419 | 15,220 | 31,137 | 84,537 | 276,760 | 404,908 | 18,609 |
| 1963 | 18,704 | 129,296 | 11,631 | 24,027 | 72,406 | 204,614 | 299,527 | 13,262 |
| 1964 | 16,684 | 120,450 | 10,538 | 21,585 | 67,391 | 192,378 | 279,956 | 9,789 |
| 1965 | 17,383 | 135,436 | 11,370 | 23,300 | 73,347 | 210,460 | 306,335 | 10,643 |
| 1966 | 19,483 | 150,866 | 13,267 | 26,531 | 86,318 | 251,932 | 369,879 | 18,440 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 64.1 | 5,070 | 4,500 | 17,857 | 11,454 | 2.546 | 2.210 | 2,036 |
| 1959 | 69.0 | 5,436 | 4,785 | 20,149 | 13,898 | 2.904 | 2.335 | 2,049 |
| 1960 | 69.5 | 5,634 | 4,864 | 21,430 | 14,890 | 3.058 | 2.405 | 2,025 |
| 1961 | 67.1 | 6,051 | 5,302 | 23,549 | 15,804 | 2.981 | 2.600 | 2,039 |
| 1962 | 68.4 | 6,291 | 5,554 | 26,604 | 18,184 | 3.274 | 2.715 | 2,046 |
| 1963 | 68.3 | 6,913 | 6,225 | 25,752 | 17,592 | 2.826 | 3.014 | 2,066 |
| 1964 | 68.7 | 7,219 | 6,395 | 26,566 | 18,256 | 2.855 | 3.122 | 2,048 |
| 1965 | 68.7 | 7,791 | 6,451 | 26,942 | 18,510 | 2.869 | 3.148 | 2,049 |
| 1966 | 68.1 | 7,743 | 6,506 | 27,880 | 18,989 | 2.919 | 3.253 | 2,000 |

SIC 3674 SEMICONDUCTORS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL | |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) | |
| 1958 | 23,370 | 112,989 | 17,630 | 34,691 | 65,902 | 186,800 | 255,306 | |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | |
| 1963 | 56,349 | 320,875 | 37,548 | 77,113 | 168,504 | 467,035 | 687,817 | |
| 1964 | 55,279 | 327,244 | 37,950 | 77,436 | 175,977 | 514,764 | 716,439 | |
| 1965 | 67,395 | 401,403 | 48,667 | 98,912 | 227,964 | 680,354 | 911,669 | |
| 1966 | 82,221 | 494,211 | 59,074 | 118,092 | 274,255 | 835,305 | 1,123,669 | |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 74.6 | 4,835 | 3,738 | 14,198 | 10,596 | 2.835 | 1.900 | 1,968 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 67.9 | 5,694 | 4,488 | 18,318 | 17,438 | 2.772 | 2.185 | 2,054 |
| 1964 | 71.9 | 5,920 | 4,637 | 18,378 | 17,564 | 2.925 | 2.273 | 2,040 |
| 1965 | 74.6 | 5,956 | 4,684 | 18,733 | 17,974 | 2.983 | 2.305 | 2,032 |
| 1966 | 74.3 | 6,011 | 4,643 | 19,021 | 14,140 | 3.046 | 2.322 | 1,999 |

SIC 3679 ELECTRONIC COMPONENTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 108,872 | 451,032 | 85,251 | 166,696 | 301,424 | 728,006 | 1,195,378 | 35,719 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 176,708 | 881,920 | 133,412 | 261,707 | 550,845 | 1,457,433 | 2,332,215 | 88,508 |
| 1964 | 165,152 | 871,578 | 124,357 | 252,344 | 551,088 | 1,423,658 | 2,328,137 | 135,813 |
| 1965 | 199,186 | 1,029,076 | 152,940 | 308,819 | 655,887 | 1,930,094 | 3,075,036 | 142,376 |
| 1966 | 233,818 | 1,255,675 | 185,343 | 373,936 | 805,693 | 2,479,101 | 4,001,842 | 171,718 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 60.9 | 4,143 | 3,536 | 14,022 | 8,540 | 2.415 | 1.808 | 1,955 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 62.5 | 4,991 | 4,129 | 17,481 | 10,924 | 2.646 | 2.105 | 1,962 |
| 1964 | 61.2 | 5,277 | 4,431 | 18,721 | 11,448 | 2.543 | 2.184 | 2,029 |
| 1965 | 62.8 | 5,166 | 4,289 | 20,106 | 12,620 | 2.493 | 2.124 | 2,019 |
| 1966 | 61.9 | 5,370 | 4,347 | 21,592 | 13,376 | 3.077 | 2.155 | 2,018 |

SIC 3691 STORAGE BATTERIES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 14,924 | 76,961 | 11,787 | 23,205 | 55,459 | 150,061 | 368,993 | 7,330 |
| 1959 | 16,059 | 88,298 | 12,648 | 27,684 | 66,081 | 180,792 | 417,143 | 6,766 |
| 1960 | 15,525 | 87,867 | 12,075 | 26,545 | 63,709 | 167,923 | 415,777 | 9,188 |
| 1961 | 15,427 | 89,516 | 11,725 | 27,134 | 67,261 | 178,547 | 423,353 | 8,449 |
| 1962 | 16,250 | 99,410 | 12,540 | 29,201 | 74,813 | 210,867 | 452,097 | 9,566 |
| 1963 | 17,512 | 108,700 | 13,871 | 28,444 | 80,237 | 244,152 | 516,457 | 11,968 |
| 1964 | 16,977 | 109,972 | 13,330 | 27,738 | 80,546 | 245,699 | 527,000 | 12,856 |
| 1965 | 19,270 | 127,726 | 14,820 | 30,571 | 91,795 | 296,507 | 615,204 | 21,063 |
| 1966 | 19,364 | 131,518 | 14,747 | 30,705 | 94,729 | 284,333 | 615,703 | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 40.7 | 5,157 | 4,705 | 31,305 | 12,731 | 2.706 | 2.390 | 1,969 |
| 1959 | 43.3 | 5,498 | 5,225 | 32,981 | 14,294 | 2.736 | 2.387 | 2,189 |
| 1960 | 40.4 | 5,660 | 5,276 | 34,433 | 13,907 | 2.636 | 2.400 | 2,198 |
| 1961 | 42.2 | 5,803 | 5,737 | 36,107 | 15,228 | 2.655 | 2.479 | 2,314 |
| 1962 | 46.6 | 6,118 | 5,966 | 36,052 | 16,816 | 2.819 | 2.562 | 2,329 |
| 1963 | 47.3 | 6,207 | 5,785 | 37,233 | 17,602 | 3.043 | 2.821 | 2,051 |
| 1964 | 46.6 | 6,478 | 6,042 | 39,535 | 18,432 | 3.050 | 2.904 | 2,081 |
| 1965 | 48.2 | 6,628 | 6,194 | 41,512 | 20,007 | 3.230 | 3.003 | 2,063 |
| 1966 | 46.2 | 6,792 | 6,424 | 41,751 | 19,281 | 3.002 | 3.085 | 2,082 |

SIC 3692 PRIMARY BATTERIES, DRY & WET

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 8,096 | 34,025 | 6,498 | 13,236 | 24,455 | 75,431 | 138,215 | 2,343 |
| 1959 | 8,911 | 37,326 | 7,230 | 14,307 | 27,089 | 96,699 | 162,181 | 1,948 |
| 1960 | 8,433 | 36,673 | 6,554 | 12,734 | 24,570 | 94,036 | 163,787 | 3,362 |
| 1961 | 8,006 | 36,832 | 5,992 | 12,169 | 24,067 | 96,950 | 170,445 | 2,413 |
| 1962 | 8,326 | 39,045 | 6,296 | 12,982 | 25,213 | 109,232 | 194,327 | 3,076 |
| 1963 | 8,478 | 40,602 | 6,791 | 13,615 | 29,029 | 113,787 | 195,298 | 4,132 |
| 1964 | 8,251 | 41,260 | 6,482 | 13,113 | 28,837 | 123,001 | 209,028 | 3,177 |
| 1965 | 8,862 | 46,704 | 6,852 | 14,172 | 32,617 | 139,844 | 233,139 | 2,589 |
| 1966 | 10,433 | 55,541 | 8,266 | 16,540 | 39,772 | 167,358 | 277,002 | 5,909 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 54.6 | 4,203 | 3,763 | 21,270 | 11,608 | 3.084 | 1.848 | 2,037 |
| 1959 | 59.6 | 4,189 | 3,747 | 22,432 | 13,375 | 3.570 | 1.893 | 1,979 |
| 1960 | 57.4 | 4,349 | 3,749 | 24,990 | 14,348 | 3.827 | 1.929 | 1,943 |
| 1961 | 56.9 | 4,601 | 4,017 | 28,445 | 16,180 | 4.028 | 1.978 | 2,031 |
| 1962 | 56.2 | 4,690 | 4,005 | 30,865 | 17,349 | 4.332 | 1.942 | 2,062 |
| 1963 | 58.3 | 4,789 | 4,275 | 28,758 | 16,756 | 3.920 | 2.132 | 2,005 |
| 1964 | 58.8 | 5,001 | 4,449 | 32,247 | 18,976 | 4.265 | 2.199 | 2,023 |
| 1965 | 60.0 | 5,270 | 4,760 | 34,025 | 20,409 | 4.287 | 2.302 | 2,068 |
| 1966 | 60.4 | 5,324 | 4,812 | 33,511 | 20,247 | 4.208 | 2.405 | 2,001 |

SIC 3693 X-RAY & THERAPEUTIC APPARATUS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 5,258 | 30,686 | 3,012 | 5,856 | 14,308 | 58,436 | 95,090 | 1,371 |
| 1959 | 5,789 | 32,581 | 3,241 | 6,766 | 15,222 | 60,057 | 101,882 | 1,086 |
| 1960 | 6,064 | 35,412 | 3,380 | 7,219 | 16,223 | 67,406 | 110,670 | 826 |
| 1961 | 6,377 | 37,714 | 3,601 | 7,375 | 16,792 | 67,168 | 116,315 | 1,087 |
| 1962 | 6,240 | 41,129 | 3,815 | 7,900 | 18,474 | 76,229 | 127,101 | 1,239 |
| 1963 | 6,236 | 43,796 | 3,430 | 6,921 | 20,124 | 86,534 | 143,706 | 2,132 |
| 1964 | 5,807 | 42,697 | 3,248 | 6,583 | 19,581 | 92,116 | 149,239 | N.A. |
| 1965 | 6,224 | 47,642 | 3,487 | 6,976 | 21,320 | 100,249 | 164,247 | 2,133 |
| 1966 | 8,366 | 63,795 | 4,585 | 9,471 | 28,907 | 140,976 | 240,448 | 3,585 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 61.5 | 5,836 | 4,750 | 31,570 | 19,401 | 4.084 | 2.443 | 1,944 |
| 1959 | 58.9 | 5,628 | 4,697 | 31,435 | 18,530 | 3.945 | 2.250 | 2,088 |
| 1960 | 60.9 | 5,840 | 4,800 | 32,743 | 19,943 | 4.155 | 2.247 | 2,136 |
| 1961 | 57.7 | 5,914 | 4,663 | 32,301 | 18,653 | 4.000 | 2.277 | 2,048 |
| 1962 | 60.0 | 6,591 | 4,842 | 33,316 | 19,981 | 4.126 | 2.338 | 2,071 |
| 1963 | 60.2 | 7,023 | 5,867 | 41,897 | 25,229 | 4.300 | 2.908 | 2,018 |
| 1964 | 61.7 | 7,353 | 6,029 | 45,948 | 28,361 | 4.704 | 2.974 | 2,027 |
| 1965 | 61.0 | 7,655 | 6,114 | 47,103 | 28,749 | 4.702 | 3.056 | 2,001 |
| 1966 | 58.6 | 7,626 | 6,305 | 52,442 | 30,747 | 4.877 | 3.052 | 2,066 |

SIC 3694 ENGINE ELECTRICAL EQUIPMENT

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 38,127 | 195,983 | 29,530 | 56,394 | 135,775 | 353,534 | 606,518 | 8,942 |
| 1959 | 41,281 | 235,993 | 32,616 | 66,524 | 165,103 | 473,468 | 782,467 | 12,119 |
| 1960 | 42,926 | 239,326 | 33,861 | 65,742 | 164,782 | 470,667 | 799,392 | 13,889 |
| 1961 | 40,485 | 236,857 | 31,949 | 61,334 | 157,859 | 449,219 | 766,399 | 18,698 |
| 1962 | 43,598 | 272,568 | 35,298 | 71,801 | 193,029 | 534,498 | 905,004 | 22,039 |
| 1963 | 40,559 | 250,202 | 32,697 | 66,903 | 184,438 | 496,662 | 900,663 | 15,490 |
| 1964 | 38,782 | 251,813 | 31,351 | 63,646 | 184,769 | 526,884 | 925,504 | 19,597 |
| 1965 | 42,791 | 287,617 | 35,064 | 73,058 | 215,990 | 605,054 | 1,073,668 | 20,439 |
| 1966 | 52,309 | 362,167 | 41,971 | 87,733 | 272,203 | 735,212 | 1,342,491 | 38,369 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) |
| 1958 | 58.3 | 5,140 | 4,598 | 20,539 | 11,972 | 2.604 | 2.408 | 1,910 |
| 1959 | 60.5 | 5,717 | 5,062 | 23,990 | 14,516 | 2.868 | 2.482 | 2,040 |
| 1960 | 58.9 | 5,575 | 4,866 | 23,608 | 13,900 | 2.856 | 2.506 | 1,942 |
| 1961 | 58.6 | 5,850 | 4,941 | 23,988 | 14,061 | 2.846 | 2.574 | 1,920 |
| 1962 | 59.1 | 6,252 | 5,469 | 25,639 | 15,142 | 2.769 | 2.688 | 2,034 |
| 1963 | 55.1 | 6,169 | 5,641 | 27,546 | 15,190 | 2.693 | 2.757 | 2,046 |
| 1964 | 56.9 | 6,493 | 5,894 | 29,521 | 16,806 | 2.852 | 2.903 | 2,030 |
| 1965 | 56.4 | 6,721 | 6,160 | 30,620 | 17,256 | 2.801 | 2.956 | 2,084 |
| 1966 | 54.8 | 6,924 | 6,486 | 31,986 | 17,517 | 2.701 | 3.103 | 2,090 |

SIC 3699 ELECTRICAL PRODUCTS, NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 10,259 | 39,342 | 8,182 | 15,776 | 26,342 | 73,581 | 165,388 | 1,364 |
| 1959 | 10,902 | 43,748 | 8,512 | 16,689 | 28,040 | 79,933 | 171,844 | N.A. |
| 1960 | 11,607 | 48,683 | 9,115 | 17,550 | 30,889 | 91,472 | 172,572 | 1,444 |
| 1961 | 11,998 | 52,483 | 9,190 | 18,004 | 32,854 | 93,832 | 179,549 | 1,639 |
| 1962 | 11,551 | 53,293 | 8,803 | 16,370 | 31,817 | 93,687 | 189,308 | 2,302 |
| 1963 | 10,923 | 51,215 | 8,492 | 16,496 | 33,355 | 101,221 | 190,038 | 3,271 |
| 1964 | 10,799 | 56,258 | 8,240 | 16,703 | 35,435 | 100,752 | 192,353 | N.A. |
| 1965 | 13,348 | 67,084 | 10,634 | 20,963 | 42,601 | 126,790 | 245,584 | 8,010 |
| 1966 | 16,617 | 84,665 | 13,441 | 25,762 | 53,342 | 168,250 | 319,260 | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) |
| 1958 | 44.5 | 3,835 | 3,220 | 20,214 | 8,993 | 2.793 | 1.670 | 1,928 |
| 1959 | 46.5 | 4,013 | 3,294 | 20,188 | 9,391 | 2.851 | 1.680 | 1,961 |
| 1960 | 53.0 | 4,194 | 3,389 | 18,933 | 10,035 | 2.961 | 1.760 | 1,925 |
| 1961 | 52.3 | 4,374 | 3,575 | 19,537 | 10,210 | 2.856 | 1.825 | 1,959 |
| 1962 | 49.5 | 4,614 | 3,614 | 21,505 | 10,643 | 2.945 | 1.944 | 1,860 |
| 1963 | 53.3 | 4,689 | 3,928 | 22,378 | 11,920 | 3.035 | 2.022 | 1,943 |
| 1964 | 52.4 | 5,210 | 4,300 | 23,344 | 12,227 | 2.843 | 2.121 | 2,027 |
| 1965 | 51.6 | 5,026 | 4,006 | 23,094 | 11,923 | 2.976 | 2.032 | 1,971 |
| 1966 | 52.7 | 5,095 | 3,969 | 23,753 | 12,518 | 3.154 | 2.071 | 1,917 |

Table II-5.--MACHINERY, EXCEPT ELECTRICAL, AND ELECTRICAL MACHINERY INDUSTRIES
RANKED BY GROWTH IN VALUE OF SHIPMENTS, 1958-66

| Rank | SIC | Description | Value of Shipments (\$ thousand) | | Ratio 1966/1958 |
|------|------|--|-------------------------------------|-----------|--------------------|
| | | | 1958 | 1966 | |
| | | MACHINERY EXCEPT ELECTRICAL | | | |
| 1 | 3571 | Computing and related machines..... | 1,104,194 | 4,832,842 | 4.377 |
| 2 | 3537 | Industrial trucks and tractors..... | 269,328 | 792,088 | 2.941 |
| 3 | 3541 | Metal cutting machine tools..... | 679,836 | 1,826,073 | 2.686 |
| 4 | 3545 | Machine tool accessories..... | 511,456 | 1,230,311 | 2.406 |
| 5 | 3565 | Industrial patterns..... | 98,343 | 232,971 | 2.369 |
| 6 | 3536 | Hoists, cranes and monorails..... | 184,722 | 437,252 | 2.367 |
| 7 | 358X | Service industry machines, n.e.c..... | 245,227 | 570,834 | 2.328 |
| 8 | 3542 | Metal forming machine tools..... | 317,657 | 727,700 | 2.291 |
| 9 | 3559 | Special industry machinery, n.e.c..... | 761,077 | 1,731,248 | 2.275 |
| 10 | 3572 | Typewriters..... | 238,173 | 533,880 | 2.242 |
| 11 | 3569 | General industry machinery, n.e.c..... | 458,280 | 1,024,148 | 2.235 |
| 12 | 3552 | Textile machinery..... | 376,340 | 820,258 | 2.180 |
| 13 | 3562 | Ball and roller bearings..... | 649,640 | 1,398,910 | 2.153 |
| 14 | 3555 | Printing trades machinery..... | 309,797 | 649,051 | 2.095 |
| 15 | 3544 | Special dies and tools..... | 1,060,566 | 2,217,907 | 2.091 |
| 16 | 3566 | Power transmission equipment..... | 630,303 | 1,314,128 | 2.085 |
| 17 | 3581 | Automatic vending machines..... | 141,635 | 279,488 | 1.973 |
| 18 | 3567 | Industrial furnaces and ovens..... | 204,835 | 401,038 | 1.958 |
| 19 | 3519 | Internal combustion engines..... | 1,055,699 | 2,052,481 | 1.944 |
| 20 | 3599 | Miscellaneous machinery..... | 1,481,295 | 2,864,809 | 1.934 |
| 21 | 3561 | Pumps, air and gas compressors and pumping equipment | 1,114,053 | 2,151,094 | 1.931 |
| 22 | 3548 | Metal working machinery, n.e.c..... | 602,015 | 1,147,952 | 1.907 |
| 23 | 3585 | Refrigeration machinery..... | 1,441,082 | 2,712,588 | 1.882 |
| 24 | 3535 | Conveyors..... | 385,714 | 725,434 | 1.881 |
| 25 | 3532 | Mining machinery and equipment..... | 342,035 | 630,399 | 1.843 |
| 26 | 3534 | Elevators and moving stairways..... | 192,806 | 352,601 | 1.829 |
| 27 | 3576 | Scales and balances..... | 78,335 | 142,502 | 1.819 |
| 28 | 3551 | Food products machinery..... | 456,171 | 827,323 | 1.814 |
| 29 | 3522 | Farm machinery and equipment..... | 2,421,873 | 4,332,018 | 1.789 |
| 30 | 3531 | Construction machinery..... | 2,107,352 | 3,767,753 | 1.788 |
| 31 | 3553 | Woodworking machinery..... | 214,376 | 382,498 | 1.784 |
| 32 | 3579 | Office machines, n.e.c..... | 264,513 | 466,384 | 1.763 |
| 33 | 3586 | Measuring and dispensing pumps..... | 119,045 | 206,902 | 1.738 |
| 34 | 3564 | Blowers and fans..... | 271,629 | 444,299 | 1.636 |
| 35 | 3554 | Paper industries machinery..... | 310,179 | 502,793 | 1.621 |
| 36 | 3582 | Commercial laundry equipment..... | 119,499 | 190,467 | 1.594 |
| 37 | 3533 | Oil field machinery and equipment..... | 585,268 | 846,010 | 1.446 |
| 38 | 3511 | Steam engines and turbines..... | 961,769 | 867,207 | 0.902 |
| | | ELECTRICAL MACHINERY | | | |
| 1 | 3672 | Cathode ray picture tubes..... | 159,252 | 812,433 | 5.402 |
| 2 | 3674 | Semiconductors..... | 250,306 | 1,123,669 | 4.489 |
| 3 | 3679 | Electronic components..... | 1,195,378 | 4,001,842 | 3.348 |
| 4 | 3662 | Radio, TV communications equipment..... | 2,852,617 | 7,562,632 | 2.651 |
| 5 | 3651 | Radio and TV receiving sets..... | 1,548,006 | 4,091,865 | 2.643 |
| 6 | 3622 | Industrial controls..... | 413,163 | 1,049,017 | 2.539 |
| 7 | 3693 | X-ray and therapeutic apparatus..... | 95,090 | 240,448 | 2.529 |
| 8 | 3694 | Engine electrical equipment..... | 606,518 | 1,342,491 | 2.213 |
| 9 | 3623 | Welding apparatus..... | 247,739 | 533,776 | 2.155 |
| 10 | 3661 | Telephone telegraph apparatus..... | 1,207,955 | 2,466,996 | 2.042 |
| 11 | 3634 | Electric housewares and fans..... | 559,090 | 1,127,789 | 2.017 |
| 12 | 3692 | Primary batteries, dry and wet..... | 138,215 | 277,002 | 2.004 |
| 13 | 3699 | Electrical products, n.e.c..... | 165,388 | 319,260 | 1.930 |
| 14 | 3642 | Lighting fixtures..... | 826,595 | 1,544,065 | 1.868 |
| 15 | 3624 | Carbon and graphite products..... | 154,925 | 283,228 | 1.828 |
| 16 | 3635 | Household vacuum cleaners..... | 142,020 | 252,551 | 1.778 |
| 17 | 3641 | Electric lamps..... | 417,516 | 741,977 | 1.777 |

Table II-5.--MACHINERY, EXCEPT ELECTRICAL, AND ELECTRICAL MACHINERY INDUSTRIES
RANKED BY GROWTH IN VALUE OF SHIPMENTS, 1958-66--Con.

| Rank | SIC | Description | Value of shipments (\$ thousand) | | Ratio 1966/1958 |
|------|------|---------------------------------------|-------------------------------------|-----------|--------------------|
| | | | 1958 | 1966 | |
| | | ELECTRICAL MACHINERY--Con. | | | |
| 18 | 3632 | Household refrigerators..... | 1,002,302 | 1,674,924 | 1.671 |
| 19 | 3691 | Storage batteries..... | 368,993 | 615,703 | 1.669 |
| 20 | 3621 | Motors and generators..... | 1,392,573 | 2,288,812 | 1.644 |
| 21 | 3612 | Transformers..... | 642,267 | 1,052,977 | 1.639 |
| 22 | 3644 | Noncurrent carrying devices..... | 413,758 | 673,929 | 1.629 |
| 23 | 3643 | Current carrying devices..... | 501,309 | 811,296 | 1.618 |
| 24 | 3629 | Electric industrial goods, n.e.c..... | 228,929 | 369,358 | 1.613 |
| 25 | 3613 | Switchgear and switchboards..... | 962,558 | 1,549,032 | 1.609 |
| 26 | 3611 | Electric measuring instruments..... | 673,522 | 1,020,458 | 1.515 |
| 27 | 3631 | Household and cooking equipment..... | 364,852 | 548,488 | 1.503 |
| 28 | 3652 | Phonograph records..... | 148,731 | 218,442 | 1.469 |
| 29 | 3673 | Electron tubes, transmitting..... | 258,474 | 369,879 | 1.431 |
| 30 | 3633 | Household laundry equipment..... | 738,920 | 946,944 | 1.282 |
| 31 | 3639 | Household appliances, n.e.c..... | 378,758 | 448,873 | 1.185 |
| 32 | 3636 | Sewing machines..... | 109,314 | 120,778 | 1.105 |
| 33 | 3671 | Electron tubes, receiving type..... | 382,526 | 336,150 | 0.879 |

TABLE II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, MACHINERY, EXCEPT ELECTRICAL, AND ELECTRICAL MACHINERY, 1958-66
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| <u>MACHINERY, EXCEPT ELECTRICAL</u> | | | | | | | | | | | |
| 3511- | STEAM ENGINES & TURBINES | 754 | 640 | 623 | 585 | 552 | 591 | 606 | 623 | 694 | .92 |
| 3511A | STEAM ENGINES AND TURBINES (INC. 35111, 35112 & 35110) | 754 | 640 | 623 | 585 | 552 | 591 | 606 | 623 | 694 | .92 |
| 3519- | INTERNAL COMBUSTION ENGINES | 1,133 | 1,319 | 1,195 | 1,121 | 1,324 | 1,424 | 1,589 | 1,762 | 2,114 | 1.87 |
| 35191 | GASOLINE ENGINES (EXC. OUTBOARD, AIRCRAFT, AUTOMOBILE, TRUCK, BUS & TANK) | 230 | 286 | 238 | 236 | 273 | 270 | 305 | 324 | 407 | 1.77 |
| 35193 | GAS ENGINES (EXC. GAS TURBINES) | 19 | 20 | 15 | 19 | 25 | 22 | 21 | 18 | 17 | .89 |
| 35197 | PARTS & ACCESSORIES FOR INTERNAL COMBUSTION ENGINES | 379 | 388 | 387 | 374 | 420 | 481 | 559 | 618 | 749 | 1.97 |
| 35190 | INTERNAL COMBUSTION ENGINES N.S.K. | 1 | *1 | *1 | 0 | 0 | 3 | *3 | 2 | 3 | NC |
| 3519A | DIESEL & SEMIDIESEL INTERNAL COMBUSTION ENGINES, (INC. 35192 & 35194) | 314 | 407 | 364 | 346 | 424 | 464 | 518 | 607 | 690 | 2.19 |
| 3519B | OUTBOARD MOTORS & OTHER INTERNAL COMBUSTION ENGINES (INC. CONVERTED ENGINES & TANK ENGINES) (INC. 35195 & 35196) | 189 | 216 | 191 | 148 | 181 | 184 | 183 | 193 | 249 | 1.32 |
| 3522- | FARM MACHINERY & EQUIPMENT | 2,202 | NA | NA | NA | NA | 2,542 | 2,873 | 3,142 | 3,867 | 1.76 |
| 35222 | WHEEL TRACTORS & PARTS & ATTACHMENTS, EXC. GARDEN & CONTRACTORS OFF-HIGHWAY | 687 | NA | NA | NA | NA | 808 | 931 | 1,082 | 1,351 | 1.97 |
| 35223 | PLANTING, SEEDING, & FERTILIZING MACHINERY | 101 | 111 | 98 | 96 | 105 | 116 | 131 | 137 | 156 | 1.54 |
| 35224 | PLOWS, LISTERS, HARROWS, ROLLERS, PULVERIZERS, & STALK CUTTERS | 166 | 183 | 146 | 146 | 163 | 193 | 221 | 232 | 276 | 1.66 |
| 35225 | HARVESTING MACHINERY & PARTS | 312 | 344 | 324 | 309 | 319 | 395 | 440 | 513 | 607 | 1.95 |
| 35226 | HAYING MACHINERY & PARTS | 176 | 164 | 140 | 124 | 126 | 134 | 139 | 156 | 176 | 1.00 |
| 35227 | LAWN MOWERS & PARTS | 240 | 249 | 238 | 222 | 245 | 269 | 286 | 295 | 375 | 1.56 |
| 35220 | FARM MACHINERY & EQUIPMENT N.S.K. | 35 | *2 | *2 | *3 | 0 | 71 | 86 | *56 | *71 | NC |
| 3522A | FARM DAIRY MACHINERY, ELEVATORS BLOWERS SPRAYERS & DUSTERS & ALL OTHER FARM MACHINERY & EQUIPMENT (INC. 35228 & 35229). | 485 | 541 | 519 | 555 | 624 | 556 | 639 | 671 | 855 | 1.76 |
| 3531- | CONSTRUCTION MACHINERY | 1,996 | 2,375 | 2,052 | 1,989 | 2,159 | 2,624 | 3,023 | 3,452 | 3,829 | 1.92 |
| 35311 | CONTRACTORS' OFF-HIGHWAY WHEEL TRACTORS, EXC. PARTS & ATTACHMENTS | 90 | 92 | 65 | 74 | 79 | 103 | 131 | 175 | 206 | 2.29 |
| 35312 | TRACKLAYING TYPE TRACTORS, EXC. PARTS & ATTACHMENTS | 287 | 323 | 270 | 238 | 257 | 317 | 391 | 430 | 467 | 1.62 |
| 35313 | PARTS & ATTACHMENTS FOR TRACKLAYING TRACTORS & CONTRACTORS OFF-HIGHWAY, WHEEL TRACTORS & SHOVEL LOADERS | NA | NA | NA | NA | NA | NA | NA | 404 | 455 | NA |
| 35314 | POWER CRANES, DRAGLINES, SHOVELS & PARTS | 361 | 395 | 359 | 356 | 400 | 465 | 543 | 607 | 687 | 1.90 |
| 35316 | MIXERS, PAVERS, & RELATED EQUIPMENT (EXC. PARTS) (SEE | 102 | 133 | 107 | 110 | 109 | 132 | 148 | 148 | 173 | 1.69 |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|---|------|------|------|------|------|------|-------|-------|-------|----------------|
| 35317 | INTEGRAL TRACTOR-SHOVEL LOADERS, EXC. PARTS & ATTACHMENTS (SEE 35319) | NA | NA | NA | NA | NA | NA | NA | 406 | 422 | NA |
| 35318 | SCRAPERS, GRADERS, ROLLERS & OFF-HIGHWAY TRUCKS, TRAILERS, & WAGONS (EXC. PARTS) (SEE 35319) | 326 | 366 | 314 | 302 | 362 | 480 | 572 | 641 | 712 | 2.19 |
| 35319 | OTHER CONSTRUCTION MACHINERY & EQUIPMENT, & PARTS & ATTACHMENTS | NA | NA | NA | NA | NA | 404 | 501 | 604 | 670 | NA |
| 35310 | CONSTRUCTION MACHINERY, N.S.K. | 32 | *43 | *48 | *57 | *59 | 33 | *25 | *37 | *37 | NC |
| 3532- | MINING MACHINERY & EQUIPMENT | 275 | 333 | 333 | 299 | 268 | 336 | 380 | 444 | 524 | 1.90 |
| 35321 | UNDERGROUND MINING MACHINERY & EQUIPMENT | 65 | 67 | 65 | 55 | 60 | 74 | 81 | 86 | 98 | 1.51 |
| 35322 | CRUSHING, PULVERIZING, & (STATNARY) SCREENING PLANTS | 68 | 77 | 75 | 56 | 46 | 58 | 62 | 76 | 96 | 1.41 |
| 3532A | OTHER MINING MACHINERY & EQUIPMENT N.S.K. INC. PARTS & ATTACHMENTS FOR MINING MACHINERY INC. 35320, 35323 & 35324 | 143 | 189 | 193 | 188 | 162 | 205 | 237 | 283 | 330 | 2.31 |
| 3533- | OIL FIELD MACHINERY | 496 | 570 | 511 | 508 | 550 | 573 | 625 | 685 | 710 | 1.43 |
| 35331 | ROTARY OIL & GAS FIELD DRILLING MACHINERY | 222 | 236 | 215 | 207 | 208 | 217 | 245 | 268 | 275 | 1.24 |
| 35332 | OTHER OIL & GAS FIELD DRILLING MACHINERY | 43 | 51 | 46 | 46 | 48 | 39 | 39 | 39 | 40 | .92 |
| 35333 | OIL & GAS FIELD PRODUCTION MACHINERY | 175 | 211 | 185 | 194 | 217 | 261 | 263 | 279 | 293 | 1.67 |
| 35334 | OTHER OIL & GAS FIELD MACHINERY & TOOLS | 41 | 52 | 45 | 38 | 48 | 43 | 65 | 86 | 88 | 2.17 |
| 35330 | OIL FIELD MACHINERY N.S.K. | 15 | *20 | *20 | *21 | *29 | 12 | 12 | *13 | *14 | NC |
| 3534- | ELEVATORS & MOVING STAIRWAYS | 165 | 187 | 205 | 196 | 232 | 248 | 267 | 261 | 280 | 1.69 |
| 35340 | ELEVATORS & MOVING STAIRWAYS | 165 | 187 | 205 | 196 | 232 | 248 | 267 | 261 | 280 | 1.69 |
| 3535- | CONVEYORS | 334 | 342 | 367 | 349 | 374 | 415 | 430 | 532 | 639 | 1.91 |
| 35351 | CONVEYORS FOR CONVEYING EQUIPMENT (EXC. HOISTS & FARM ELEVATORS | 248 | 264 | 284 | 272 | 285 | 306 | 322 | 413 | 497 | 2.01 |
| 35352 | PARTS, ATTACHMENTS, & ACCESSORIES & CONVEYORS & SYSTEMS (SOLD SEPARATELY) | 72 | 68 | 73 | 66 | 74 | 88 | 84 | 109 | 124 | 1.73 |
| 35350 | CONVEYORS, N.S.K. | 14 | *10 | *10 | *11 | *15 | 21 | 24 | *10 | *17 | NC |
| 3536- | HOISTS, CRANES & MONORAILS | 166 | 168 | 201 | 172 | 188 | 224 | 249 | 292 | 360 | 2.18 |
| 35361 | HOISTS | 59 | *83 | 87 | 86 | 98 | 105 | 113 | 129 | 159 | 2.68 |
| 35362 | OVERHEAD TRAVELING CRANES & MONORAIL SYSTEMS | 106 | 85 | 114 | 86 | 89 | 116 | 134 | 160 | 196 | 1.84 |
| 35360 | HOISTS, CRANES, & MONORAILS N.S.K. | NA | NA | NA | NA | NA | 4 | 2 | *3 | *5 | NC |
| 3537- | INDUSTRIAL TRUCKS & TRACTORS | 277 | 375 | 389 | 346 | 394 | 459 | 563 | 637 | 768 | 2.78 |
| 35370 | INDUSTRIAL TRUCKS & TRACTORS | 277 | 375 | 389 | 346 | 394 | 459 | 563 | 637 | 768 | 2.78 |
| 3541- | METAL-CUTTING MACHINE TOOLS | 587 | 649 | 747 | 720 | 832 | 925 | 1,135 | 1,386 | 1,639 | 2.79 |
| 35411 | BORING MACHINES | 52 | 46 | 47 | 52 | 61 | 66 | 77 | 94 | 115 | 2.24 |
| 35412 | DRILLING MACHINES | 30 | 33 | 39 | 37 | 53 | 55 | 73 | 85 | 111 | 3.68 |
| 35413 | GEAR CUTTING & FINISHING MACHINES | 23 | 25 | 34 | 36 | 36 | 41 | 48 | 57 | 60 | 2.64 |
| 35414 | GRINDING & POLISHING MACHINES (EXC. GEAR TOOTH GRINDING, HONING, LAPPING, POLISHING & BUFFING MACHINES) | 89 | 94 | 117 | 121 | 128 | 144 | 184 | 223 | 245 | 2.74 |
| 35415 | LATHES, METAL CUTTING | 99 | 119 | 135 | 126 | 152 | 163 | 208 | 247 | 303 | 3.07 |
| 35416 | MILLING MACHINES | 89 | 73 | 79 | 74 | 96 | 113 | 127 | 150 | 202 | 2.26 |
| 35418 | OTHER MACHINE TOOLS (INC. THOSE DESIGNED FOR HOME, WORKSHOPS, LABORATORIES, ETC.) | 98 | 130 | 143 | 134 | 152 | 152 | 196 | 266 | 320 | 3.26 |
| 35419 | PARTS FOR METAL CUTTING TYPE MACHINE TOOLS SOLD SEPARATELY & REBUILT MACHINE TOOLS | 89 | 109 | 131 | 118 | 132 | 166 | 200 | 239 | 260 | 2.93 |
| 35410 | METAL-CUTTING MACHINE TOOLS, N.S.K. | 19 | *20 | *20 | *22 | *21 | 24 | *23 | 25 | *23 | NC |
| 3542- | METAL-FORMING MACHINE TOOLS | 283 | 326 | 379 | 382 | 391 | 445 | 515 | 569 | 680 | 2.41 |
| 35421 | PUNCHING, SHEARING, BENDING, & FORMING MACHINES | 64 | 66 | 67 | 66 | 63 | 93 | *81 | 98 | 106 | 1.66 |
| 35422 | PRESSES, INC. FORGING PRESSES | 77 | 85 | 105 | 111 | 110 | 142 | 172 | 214 | 266 | 3.47 |

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| 35423 | OTHER METAL-FORMING MACHINES | 61 | 97 | 109 | 114 | 123 | 72 | 78 | 113 | 141 | 2.32 |
| 35424 | PARTS FOR METAL-FORMING MACHINE TOOLS & REBUILT METAL-FORMING MACHINERY | 78 | 75 | 95 | 86 | 90 | 118 | 170 | 129 | 154 | 1.97 |
| 35420 | METAL-FORMING MACHINE TOOLS N.S.K. | 3 | *4 | *4 | *4 | *5 | 21 | 15 | 15 | *12 | NC |
| 3544- | SPECIAL DIES & TOOLS | 1,320 | 1,542 | 1,751 | 1,509 | 1,850 | 1,608 | 1,881 | 2,139 | 2,520 | 1.91 |
| 35442 | INDUSTRIAL MOLDS | 163 | 180 | 209 | 206 | 230 | 221 | 243 | 295 | 342 | 2.10 |
| 3544A | SPECIAL DIES & TOOLS, DIE SETS, JIGS & FIXTURES, INC. N.S.K. (INC. 35441 & 35440) | 1,157 | 1,362 | 1,542 | 1,303 | 1,620 | 1,388 | 1,638 | 1,843 | 2,178 | 1.88 |
| 3545- | MACHINE TOOL ACCESSORIES | 470 | 564 | 604 | 590 | 705 | 732 | 815 | 980 | 1,177 | 2.50 |
| 35451 | SMALL CUTTING TOOLS FOR MACHINE TOOLS & METALWORKING MACHINERY | 301 | 371 | 401 | 385 | 467 | 464 | 519 | 625 | 788 | 2.62 |
| 35452 | PRECISION MEASURING TOOLS | 61 | 60 | 63 | 62 | 77 | 88 | 93 | 114 | 119 | 1.96 |
| 35453 | OTHER ATTACHMENTS & ACCESSORIES FOR MACHINE TOOLS & METALWORKING MACHINERY | 96 | 103 | 116 | 110 | 130 | 153 | 178 | 208 | 231 | 2.40 |
| 35450 | MACHINE TOOL ACCESSORIES, N.S.K. | 12 | *29 | *24 | *34 | *31 | 27 | 25 | *33 | *39 | NC |
| 3548- | METALWORKING MACHINERY, N.E.C. | 580 | 598 | 621 | 606 | 660 | 702 | 820 | 898 | 1,066 | 1.84 |
| 35481 | ROLLING MILL MACHINERY & EQUIPMENT | 252 | 213 | 240 | 222 | 226 | 222 | 277 | 278 | 345 | 1.37 |
| 35482 | POWER-DRIVEN HAND TOOL, INC. | 211 | 249 | 254 | 261 | 286 | 320 | 365 | 408 | 470 | 2.23 |
| 35483 | ACETYLENE WELDING & CUTTING APPARATUS | 38 | 39 | 42 | 42 | 50 | 55 | 65 | 78 | 94 | 2.46 |
| 35484 | AUTOMOTIVE MAINTENANCE EQUIPMENT | 44 | 53 | 46 | 45 | 50 | 48 | 54 | 64 | 69 | 1.56 |
| 35485 | OTHER METALWORKING MACHINERY | 18 | 23 | 21 | 19 | 29 | 37 | 45 | 55 | 67 | 3.80 |
| 35480 | METALWORKING MACHINERY N.E.C N.S.K. | 17 | *20 | *17 | *17 | *19 | 21 | 14 | *15 | *22 | NC |
| 3551- | FOOD PRODUCTS MACHINERY | 400 | 436 | 458 | 461 | 501 | 517 | 582 | 617 | 688 | 1.72 |
| 35511 | DAIRY & MILK PRODUCTS PLANT MACHINERY & EQUIPMENT | 65 | 61 | 59 | 61 | 67 | 72 | 72 | 75 | 74 | 1.14 |
| 35512 | COMMERCIAL FOOD PRODUCTS MACHINERY | 101 | 113 | 124 | 119 | 118 | 118 | 135 | 145 | 171 | 1.69 |
| 35513 | OTHER INDUSTRIAL FOOD PRODUCTS MACHINERY, INC. | 211 | 234 | 251 | 257 | 285 | 300 | 346 | 374 | 414 | 1.97 |
| 35510 | PARTS & ATTACHMENTS FOOD PRODUCTS MACHINERY, N.S.K. | 23 | NA | NA | NA | NA | 28 | 29 | *24 | *29 | NC |
| 3552- | TEXTILE MACHINERY | 322 | 400 | 494 | 489 | 532 | 499 | 559 | 664 | 776 | 2.41 |
| 35521 | TEXTILE MACHINERY | 144 | 201 | 270 | 265 | 283 | 253 | 318 | 379 | 451 | 3.14 |
| 35522 | PARTS & ATTACHMENTS FOR TEXTILE MACHINERY | 169 | 184 | 206 | 205 | 218 | 232 | 232 | 271 | 313 | 1.86 |
| 35520 | TEXTILE MACHINERY, N.S.K. | 10 | NA | NA | NA | NA | 14 | *9 | *14 | *12 | NC |
| 3553- | WOODWORKING MACHINERY | 174 | 187 | 179 | 171 | 203 | 221 | 251 | 270 | 294 | 1.68 |
| 35531 | WOODWORKING MACHINES (EXC. HOME WORKSHOP) INC. PARTS & ATTACHMENTS | 145 | 155 | 151 | 142 | 174 | 186 | 213 | 239 | 255 | 1.76 |
| 35532 | WOODWORKING MACHINES, FOR HOME WORKSHOP, INC. PARTS & ATTACHMENTS | 26 | 28 | 27 | 28 | 29 | 29 | 32 | 25 | 32 | 1.26 |
| 35530 | WOODWORKING MACHINERY, N.S.K | 4 | NA | NA | NA | NA | 6 | 6 | 6 | 6 | NC |
| 3554- | PAPER INDUSTRIES MACHINERY | 280 | 300 | 348 | 334 | 370 | 348 | 378 | 424 | 440 | 1.57 |
| 35540 | PAPER INDUSTRIES MACHINERY | 280 | 300 | 348 | 334 | 370 | 348 | 378 | 424 | 440 | 1.57 |
| 3555- | PRINTING TRADES MACHINERY | 273 | 302 | 353 | 366 | 400 | 403 | 429 | 482 | 550 | 2.01 |
| 35551 | PRINTING PRESSES | 94 | 106 | 123 | 128 | 150 | 138 | 159 | 168 | 199 | 2.11 |
| 35552 | OTHER PRINTING TRADES MACHINERY, INC. PARTS & ATTACHMENTS | 156 | 167 | 205 | 210 | 217 | 244 | 248 | 290 | 330 | 2.12 |
| 35550 | PRINTING, TRADES MACHINERY N.S.K. | 23 | NA | NA | NA | NA | 22 | 22 | 24 | *21 | NC |
| 3559- | SPECIAL INDUSTRY MACHINES, N.E.C. | 726 | 798 | 924 | 911 | 1,003 | 988 | 1,183 | 1,471 | 1,700 | 2.34 |
| 35591 | CHEMICAL MANUFACTURING INDUSTRIES MACHINERY & EQUIPMENT | 118 | 105 | 137 | 142 | 130 | 152 | 187 | 229 | 258 | 2.18 |
| 35592 | FOUNDRY MACHINERY & EQUIPMENT, EXC. PATTERNS & MOLDS | 53 | 61 | 70 | 59 | 76 | 90 | 122 | 138 | 168 | 3.19 |

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| 35593 | PLASTICS-WORKING MACHINERY & EQUIPMENT, EXC. PATTERNS & MOLDS | 51 | 80 | 91 | 91 | 113 | 137 | 167 | 214 | 265 | 5.21 |
| 35594 | RUBBER-WORKING MACHINERY & EQUIPMENT, EXC. TIRE MOLDS | 54 | 66 | 90 | 80 | 88 | 77 | 90 | 102 | 102 | 1.89 |
| 35595 | OTHER SPECIAL INDUSTRIAL MACHINERY & EQUIPMENT | 415 | 457 | 512 | 512 | 566 | 500 | 592 | 767 | 886 | 2.14 |
| 35590 | SPECIAL INDUSTRY MACHINES, N.E.C. N.S.K. | 36 | NA | NA | NA | NA | 32 | 25 | *22 | *22 | NC |
| 3561- | PUMPS & COMPRESSORS | 1,016 | 1,069 | 1,093 | 1,084 | 1,161 | 1,249 | 1,398 | 1,614 | 1,787 | 1.76 |
| 35611 | INDUSTRIAL PUMPS, EXC. HYDRAULIC FLUID POWER PUMPS | 295 | 293 | 305 | 300 | 306 | 322 | 361 | 392 | 418 | 1.41 |
| 35612 | HYDRAULIC FLUID POWER PUMPS & MOTORS | 77 | 106 | 96 | 94 | 117 | 135 | 153 | 180 | 212 | 2.76 |
| 35613 | VACUUM PUMPS | 68 | 72 | 62 | 65 | 65 | 84 | 83 | 84 | 97 | 1.43 |
| 35614 | DOMESTIC WATER SYSTEMS & PUMPS | 260 | 265 | 290 | 277 | 290 | 292 | 319 | 389 | 467 | 1.80 |
| 35615 | AIR & GAS COMPRESSORS EXC. REFRIGERATION | 124 | 133 | 128 | 125 | 142 | 148 | 180 | 211 | 222 | 1.79 |
| 35616 | PUMPS & COMPRESSOR, N.E.C. EXC. REFRIGERATION | 180 | 188 | 199 | 210 | 227 | 250 | 286 | 349 | 365 | 2.02 |
| 35610 | PARTS & ATTACHMENTS FOR PUMPS & COMPRESSORS | 12 | *12 | *13 | *12 | *15 | 18 | 15 | 9 | *7 | NC |
| 3562- | PUMPS & COMPRESSORS, N.S.K. | 637 | 905 | 836 | 800 | 938 | 961 | 1,085 | 1,224 | 1,331 | 2.09 |
| 35621 | BALL & ROLLER BEARINGS | 289 | 396 | 358 | 344 | 388 | 388 | 409 | 450 | 510 | 1.76 |
| 35622 | BALL BEARINGS, COMPLETE | 269 | 394 | 370 | 344 | 421 | 445 | 532 | 612 | 633 | 2.35 |
| 35623 | ROLLER BEARINGS, COMPLETE | 35 | 60 | 59 | 61 | 69 | 62 | 73 | 81 | 94 | 2.67 |
| 35624 | MOUNTED BEARINGS | 41 | 53 | 47 | 49 | 58 | 63 | 69 | 79 | 92 | 2.25 |
| 35620 | BALL & ROLLER BEARINGS, PARTS & COMPONENTS | 2 | *2 | *2 | *2 | *2 | 3 | 2 | 1 | 2 | NC |
| 3564- | BALL & ROLLER BEARINGS, N.S.K. | 253 | 247 | 275 | 274 | 289 | 299 | 325 | 386 | 446 | 1.77 |
| 35641 | BLOWERS & FANS | 171 | 162 | 186 | 183 | 192 | 191 | 207 | 232 | 269 | 1.58 |
| 35642 | INDUSTRIAL FANS & BLOWERS | 70 | 73 | 76 | 78 | 83 | 95 | 104 | 137 | 156 | 2.22 |
| 35640 | DUST COLLECTION, AIR PURIFICATION EQUIPMENT & AIR WASHERS | 12 | *11 | *13 | *13 | *13 | 13 | 13 | *17 | *21 | NC |
| 3565- | BLOWERS & FANS, N.S.K. | 121 | 127 | 140 | 123 | 148 | 160 | 194 | 222 | 244 | 2.02 |
| 35650 | INDUSTRIAL PATTERNS, EXC. SHOE | 121 | 127 | 140 | 123 | 148 | 160 | 194 | 222 | 244 | 2.02 |
| 3566- | INDUSTRIAL PATTERNS, EXC. SHOE | 623 | 739 | 711 | 718 | 804 | 883 | 949 | 1,095 | 1,274 | 2.05 |
| 35661 | POWER TRANSMISSION EQUIPMENT | 67 | 81 | 73 | 66 | 73 | 88 | 93 | 113 | 138 | 2.05 |
| 35662 | PLAIN BEARINGS | 234 | 273 | 276 | 276 | 296 | 333 | 380 | 459 | 515 | 2.20 |
| 35663 | SPEED CHANGERS, INDUSTRIAL HIGH SPEED DRIVES & GEARS | 310 | 371 | 348 | 357 | 420 | 449 | 463 | 520 | 616 | 1.99 |
| 35660 | OTHER MECHANICAL POWER TRANSMISSION EQUIPMENT | 11 | *13 | *14 | *19 | *15 | 13 | *13 | *4 | *6 | NC |
| 3567- | POWER TRANSMISSION EQUIPMENT N.S.K. | 185 | 197 | 215 | 185 | 193 | 238 | 266 | 309 | 347 | 1.87 |
| 35671 | INDUSTRIAL FURNACES & OVENS | 36 | 40 | 46 | 45 | 47 | 45 | 49 | 63 | 78 | 2.18 |
| 35672 | ELECTRIC INDUSTRIAL FURNACES & OVENS, METAL PROCESSING | 75 | 66 | 77 | 51 | 60 | 77 | 101 | 128 | 152 | 2.02 |
| 35673 | FUEL-FIRED INDUSTRIAL FURNACES & OVENS, METAL PROCESSING | 68 | 86 | 84 | 79 | 78 | 110 | 111 | 112 | 110 | 1.63 |
| 35670 | HIGH FREQUENCY INDUCTION & DIE-ELECTRIC HEATING EQUIPMENT & PTS ATTACHMENTS & COMPONENTS FOR INDUSTRIAL FURNACES & OVENS | 6 | *6 | *7 | *10 | *8 | 7 | *6 | 6 | 6 | NC |
| 3569- | INDUSTRIAL FURNACES & OVENS N.S.K. | 467 | 520 | 554 | 558 | 608 | 664 | 717 | 793 | 960 | 2.05 |
| 35690 | GENERAL INDUSTRIAL MACHINES, N.E.C. | 467 | 520 | 554 | 558 | 608 | 664 | 717 | 793 | 960 | 2.05 |
| 3571- | GENERAL INDUSTRIAL MACHINES N.E.C. | 1,034 | 1,124 | 1,297 | 1,473 | 1,677 | 2,453 | 2,734 | 2,964 | 4,156 | 4.02 |
| 35711 | COMPUTING & RELATED MACHINES | NA | NA | NA | NA | NA | NA | NA | 1,202 | 1,991 | NA |
| 35710 | ELECTRONIC DATA PROCESSING MACHINES EXC. TYPEWRITERS, EXC. PARTS & ATTACHMENTS | NA | NA | NA | NA | NA | NA | NA | 7 | *1 | NA |
| 3571A | COMPUTING & RELATED MACHINES N.S.K. | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 35712 | CASH REGISTERS & CASH REGISTER PARTS & ATTACHMENTS FOR DATA PROCESS MACH EXC TYPEWRITERS (INC. 35712 35713&35714) | NA | NA | NA | NA | NA | NA | NA | 1,755 | 2,164 | NA |

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| 3572- | TYPEWRITERS & PARTS | 189 | 206 | 218 | 213 | 244 | 265 | 293 | 326 | 432 | 2.29 |
| 35720 | TYPEWRITERS & PARTS | 189 | 206 | 218 | 213 | 244 | 265 | 293 | 326 | 432 | 2.29 |
| 3576- | SCALES & BALANCES | 71 | 75 | 66 | 66 | 70 | 90 | 92 | 108 | 134 | 1.88 |
| 35760 | SCALES & BALANCES | 71 | 75 | 66 | 66 | 70 | 90 | 92 | 108 | 134 | 1.88 |
| 3579- | ADDRESSING, DICTATING, DUPLICATING & OTHER OFFICE MACHINES, N.E.C. | 211 | 222 | 244 | 266 | 279 | 276 | 296 | 312 | 395 | 1.87 |
| 3579A | ADDRESSING, DICTATING DUPLICATING & OTHER OFFICE MACHINES N.E.C. (INC. 35791 & 35792) | 211 | 222 | 244 | 266 | 279 | 276 | 296 | 312 | 395 | 1.87 |
| 3581- | AUTOMATIC VENDING MACHINES | 131 | 159 | 185 | 195 | 222 | 207 | 230 | 240 | 264 | 2.02 |
| 35810 | AUTOMATIC VENDING MACHINES, N.S.K. | NA | *5 | *1 | 2 | *4 | 9 | 11 | 11 | *9 | NC |
| 3581A | AUTOMATIC VENDING MACHINES & PARTS, & COIN OPERATED MECHANISMS (INC. 35811 & 35812). | NA | 153 | 184 | 195 | 219 | 197 | 219 | 229 | 255 | NA |
| 3582- | COMMERCIAL LAUNDRY EQUIPMENT | 107 | 124 | 120 | 127 | 135 | 130 | 146 | 178 | 202 | 1.89 |
| 35820 | COMMERCIAL LAUNDRY EQUIPMENT | 107 | 124 | 120 | 127 | 135 | 130 | 146 | 178 | 202 | 1.89 |
| 3585- | REFRIGERATION MACHINERY | 1,435 | 1,720 | NA | NA | NA | 2,105 | 2,369 | 2,731 | 3,130 | 2.18 |
| 35851 | HEAT TRANSFER EQUIPMENT | 716 | 768 | 883 | 870 | 950 | 1,159 | 1,362 | 1,558 | 1,808 | 2.53 |
| 35853 | COMMERCIAL REFRIGERATION EQUIPMENT | 240 | 269 | 261 | 250 | 287 | 254 | 276 | 325 | 357 | 1.48 |
| 35854 | COMPRESSORS & COMPRESSOR UNITS, ALL REFRIGERANTS | 182 | 237 | 247 | 235 | 266 | 269 | 304 | 336 | 380 | 2.09 |
| 35855 | CONDENSING UNITS, ALL REFRIGERANTS | 70 | 105 | 109 | 98 | 103 | 74 | 75 | 73 | 88 | 1.25 |
| 35857 | OTHER REFRIGERATION & AIR CONDITIONING EQUIPMENT | 195 | NA | NA | NA | NA | 303 | 312 | 409 | 469 | 2.40 |
| 35850 | REFRIGERATION MACHINERY, N.S.K. | 31 | *28 | *19 | *31 | *32 | 47 | 40 | 30 | 28 | NC |
| 3586- | MEASURING & DISPENSING PUMPS | 88 | 101 | 102 | 106 | 115 | 121 | 134 | 145 | 164 | 1.85 |
| 35860 | MEASURING & DISPENSING PUMPS | 88 | 101 | 102 | 106 | 115 | 121 | 134 | 145 | 164 | 1.85 |
| 3589- | SERVICE INDUSTRY MACHINES, N.E.C. | 222 | 253 | 275 | 299 | 316 | 342 | 358 | 449 | 510 | 2.30 |
| 35893 | COMMERCIAL & INDUSTRIAL VACUUM CLEANERS, INC. PARTS & ATTACHMENTS | 13 | 15 | 16 | 16 | 20 | 19 | 22 | *26 | *34 | *2.67 |
| 35890 | SERVICE INDUSTRY MACHINES, N.S.K. | 0 | 0 | 0 | 0 | 0 | 19 | 16 | 18 | 18 | NC |
| 3589A | COMMERCIAL COOKING & FOOD WARMING EQUIPMENT, SERVICE INDUSTRY MACHINES & PARTS (INC. 35891 & 35892) | 209 | 238 | 259 | 283 | 296 | 304 | 320 | 405 | 458 | 2.19 |
| 3599- | CARBURETORS, PISTONS, & OTHER MACHINE SHOP PRODUCTS | 1,118 | 1,270 | 1,252 | 1,266 | 1,426 | 1,688 | 1,708 | 1,943 | 2,217 | 1.98 |
| 35990 | CARBURETORS, PISTONS & OTHER MACHINE SHOP PRODUCTS | 1,118 | 1,270 | 1,252 | 1,266 | 1,426 | 1,688 | 1,708 | 1,943 | 2,217 | 1.98 |
| <u>ELECTRICAL MACHINERY</u> | | | | | | | | | | | |
| 3611- | ELECTRICAL MEASURING INSTRUMENTS | 588 | 719 | 796 | 797 | 884 | 756 | 795 | 872 | 1,031 | 1.75 |
| 36111 | INTEGRATING INSTRUMENTS, ELECTRICAL | 89 | 104 | 101 | 96 | 95 | 93 | 102 | 105 | 111 | 1.25 |
| 36112 | TEST EQUIPMENT FOR TESTING ELECTRICAL, RADIO, & COMMUNICATION CIRCUITS, & MOTORS | 342 | 403 | 426 | 414 | 466 | 443 | 443 | 484 | 585 | 1.71 |
| 36113 | OTHER ELECTRICAL MEASURING INSTRUMENTS | 140 | 188 | 199 | 221 | 262 | 205 | 243 | 274 | 326 | 2.33 |
| 36110 | ELECTRICAL MEASURING INSTRUMENTS, N.S.K. | 17 | *24 | *70 | *66 | *66 | 14 | *7 | *10 | *8 | NC |
| 3612- | TRANSFORMERS | 638 | 707 | 725 | 690 | 670 | 692 | 781 | 891 | 1,032 | 1.62 |
| 36121 | SPECIALTY TRANSFORMERS & FLUORESCENT BALLASTS, EXC. PARTS | 130 | 172 | 177 | 190 | 204 | 163 | 178 | 207 | 243 | 1.87 |
| 36122 | POWER & DISTRIBUTION TRANSFORMERS, EXC. PARTS | 422 | 449 | 450 | 418 | 389 | 434 | 501 | 578 | 661 | 1.57 |

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| 36123 | POWER REGULATORS, BOOSTERS, & REACTORS, OTHER TRANSFORMERS, & TRANSFORMER PARTS | 81 | 90 | 92 | 75 | 69 | 90 | 96 | 103 | 126 | 1.56 |
| 36120 | TRANSFORMERS, N.S.K. | 6 | NA | *6 | *8 | *9 | 4 | *5 | 2 | 2 | NC |
| 3613- | SWITCHGEAR & SWITCHBOARDS | 891 | 917 | 899 | 870 | 933 | 1,008 | 1,085 | 1,269 | 1,476 | 1.66 |
| 36131 | SWITCHGEAR, INC. POWER SWITCHGEAR ASSEMBLIES | 420 | 402 | 377 | 364 | 398 | 437 | 484 | 543 | 628 | 1.49 |
| 36132 | CIRCUIT BREAKERS | 201 | 191 | 192 | 195 | 201 | 209 | 229 | 262 | 313 | 1.56 |
| 36133 | LOW VOLTAGE PANEL BOARDS & DISTRIBUTION BOARDS | 224 | 244 | 245 | 241 | 254 | 304 | 314 | 388 | 448 | 2.00 |
| 36134 | FUSES & FUSE EQUIPMENT, UNDER 2,300 VOLTS | 31 | 53 | 52 | 37 | 40 | 42 | 54 | 64 | 76 | 2.46 |
| 36130 | SWITCHGEAR & SWITCHBOARDS, N.S.K. | 16 | *28 | *32 | *32 | *40 | 16 | *3 | *12 | *11 | NC |
| 3621- | MOTORS & GENERATORS | 1,291 | 1,423 | 1,508 | 1,444 | 1,530 | 1,578 | 1,687 | 1,936 | 2,227 | 1.72 |
| 36211 | FRACTIONAL HORSEPOWER MOTORS | 436 | 551 | 502 | 502 | 544 | 620 | 663 | 768 | 853 | 1.96 |
| 36212 | INTEGRAL HORSEPOWER MOTORS & GENERATORS EXC. LAND TRANSPORTATION | 430 | 435 | 397 | 364 | 371 | 380 | 416 | 500 | 571 | 1.33 |
| 36213 | LAND TRANSPORTATION MOTORS, GENERATORS, & CONTROL EQUIPMENT | 52 | 66 | 71 | 58 | NA | 90 | 95 | 111 | 103 | 1.97 |
| 36214 | PRIME MOVER GENERATOR SETS EXC. STEAM OR HYDRAULIC TURBINE | 74 | 72 | 83 | 85 | 86 | 105 | 106 | 104 | 182 | 2.47 |
| 36215 | MOTOR GENERATOR SETS & OTHER ROTATING EQUIPMENT | 164 | 152 | 227 | 215 | 225 | 246 | 271 | 274 | 300 | 1.83 |
| 36216 | PARTS & SUPPLIES FOR MOTORS & GENERATORS | 109 | 147 | 167 | 161 | 170 | 128 | 126 | 144 | 181 | 1.66 |
| 36210 | MOTORS & GENERATORS, N.S.K. | 26 | NA | NA | NA | NA | 9 | 9 | 35 | *37 | NC |
| 3622- | GENERAL INDUSTRY POWER CIRCUIT DEVICES & CONTROLS | 447 | 516 | 567 | 543 | 578 | 633 | 766 | 871 | 1,002 | 2.24 |
| 36220 | GENERAL INDUSTRY POWER CIRCUIT DEVICES & CONTROLS | 447 | 516 | 567 | 543 | 578 | 633 | 766 | 871 | 1,002 | 2.24 |
| 3623- | ELECTRIC WELDING APPARATUS | 233 | 279 | 276 | 253 | 286 | 325 | 368 | 433 | 481 | 2.06 |
| 36231 | ARC WELDING MACHINES, COMPONENTS, & ACCESSORIES, EXC. ELECTRODES | 66 | 77 | 78 | 69 | 94 | 105 | 130 | 168 | 179 | 2.72 |
| 36232 | ARC WELDING ELECTRODES, METAL | 116 | 144 | 133 | 132 | 144 | 148 | 151 | 171 | 195 | 1.67 |
| 36233 | RESISTANCE WELDERS, COMPONENTS, ACCESSORIES & ELECTRODES | 48 | 51 | 55 | 47 | 43 | 68 | 83 | 88 | 101 | 2.11 |
| 36230 | ELECTRIC WELDING APPARATUS, N.S.K. | 3 | 7 | 10 | 5 | 5 | 4 | 4 | *5 | *7 | NC |
| 3624- | CARBON & GRAPHITE PRODUCTS | 157 | 195 | 187 | 184 | 194 | 218 | 244 | 277 | 294 | 1.87 |
| 36240 | CARBON & GRAPHITE PRODUCTS | 157 | 195 | 187 | 184 | 194 | 218 | 244 | 277 | 294 | 1.87 |
| 3629- | ELECTRIC INDUSTRIAL GOODS, N.E.C. | 213 | 272 | 290 | 295 | 315 | 250 | 265 | 334 | 423 | 1.99 |
| 36291 | CAPACITORS FOR INDUSTRIAL USE | 57 | 74 | 74 | 74 | 80 | 51 | 53 | 64 | 95 | 1.65 |
| 36292 | RECTIFYING APPARATUS | 73 | 87 | 89 | 82 | 79 | 87 | 89 | 116 | 129 | 1.77 |
| 36293 | OTHER ELECTRICAL EQUIPMENT FOR INDUSTRIAL USE | 77 | 105 | 113 | 125 | 143 | 104 | 115 | 148 | 193 | 2.51 |
| 36290 | ELECTRIC INDUSTRIAL APPARATUS, N.E.C., N.S.K. | 6 | *7 | *15 | *14 | *12 | 8 | 8 | *6 | *6 | NC |
| 3631- | HOUSEHOLD COOKING EQUIPMENT | 433 | 501 | 469 | 467 | 485 | 537 | 555 | 624 | 626 | 1.45 |
| 36311 | ELECTRIC HOUSEHOLD RANGES & OVENS & SURFACE COOKING UNIT EQUIPMENT | 204 | 256 | 240 | 242 | 261 | 282 | 295 | 325 | 332 | 1.63 |
| 3631A | HOUSEHOLD OVENS & RANGES, EQUIPMENT & PARTS, EXC. ELECTRIC, & HOUSEHOLD COOKING EQUIPMENT, N.S.K. (INC. 36312&36310) | 229 | 246 | 228 | 225 | 224 | 255 | 261 | 299 | 294 | 1.28 |
| 3632- | HOUSEHOLD REFRIGERATORS | 729 | 881 | 805 | 754 | 778 | 832 | 896 | 960 | 973 | 1.34 |
| 36321 | HOUSEHOLD REFRIGERATORS | 551 | 677 | 624 | 613 | 631 | 688 | 743 | 796 | 806 | 1.46 |
| 3632A | HOME & FARM FREEZERS, & HOUSEHOLD REFRIGERATORS, N.S.K. (INC. 36322 & 36320) | 178 | 205 | 181 | 142 | 147 | 144 | 154 | 164 | 168 | .94 |
| 3633- | HOUSEHOLD LAUNDRY EQUIPMENT | 720 | 802 | 695 | 660 | 693 | 766 | 806 | 871 | 918 | 1.28 |
| 36331 | HOUSEHOLD MECHANICAL WASHING MACHINES, DRYERS, & WASHER-DRYER COMBINATIONS | 672 | 756 | 650 | 613 | 645 | 699 | 738 | 801 | 836 | 1.24 |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 36332 | OTHER HOUSEHOLD LAUNDRY EQUIPMENT & PARTS | 46 | 46 | 43 | 45 | 46 | 67 | 68 | 70 | 81 | 1.74 |
| 36330 | HOUSEHOLD LAUNDRY EQUIPMENT, N.S.K. | 1 | *1 | *2 | *2 | *2 | Z | Z | Z | Z | NC |
| 3634- | ELECTRIC HOUSEWARES & FANS | 544 | 582 | 598 | 635 | 719 | 810 | 872 | 1,002 | 1,068 | 1.96 |
| 36341 | ELECTRIC FANS, EXC. INDUSTRIAL TYPE | 77 | 68 | 76 | 70 | 84 | 102 | 116 | 98 | 99 | 1.29 |
| 36342 | ELECTRIC RAZORS & DRY SHAVERS | 54 | 55 | 49 | 56 | 48 | 53 | 51 | 76 | 78 | 1.44 |
| 36343 | OTHER SMALL HOUSEHOLD ELECTRIC APPLIANCES | 336 | 378 | 394 | 425 | 497 | 563 | 612 | 701 | 764 | 2.27 |
| 36344 | PARTS & ATTACHMENTS FOR SMALL HOUSEHOLD ELECTRIC APPLIANCES | 56 | 72 | 71 | 76 | 78 | 82 | 83 | *113 | *111 | *2.00 |
| 36340 | ELECTRIC HOUSEWARES & FANS, N.S.K. | 21 | *9 | *9 | *9 | *11 | 10 | 10 | *14 | *16 | NC |
| 3635- | HOUSEHOLD VACUUM CLEANERS | 156 | 162 | 161 | 157 | 174 | 183 | 193 | 221 | 234 | 1.50 |
| 36350 | HOUSEHOLD VACUUM CLEANERS | 156 | 162 | 161 | 157 | 174 | 183 | 193 | 221 | 234 | 1.50 |
| 3636- | SEWING MACHINES | 98 | 126 | 130 | 136 | 121 | 105 | 106 | 114 | 115 | 1.18 |
| 36360 | SEWING MACHINES | 98 | 126 | 130 | 136 | 121 | 105 | 106 | 114 | 115 | 1.18 |
| 3639- | HOUSEHOLD APPLIANCES, N.E.C. | 352 | 373 | 350 | 349 | 380 | 415 | 448 | 479 | 491 | 1.40 |
| 36391 | HOUSEHOLD WATER HEATERS, ELECTRIC | 57 | 54 | 50 | 49 | 52 | 61 | 67 | 66 | 66 | 1.15 |
| 36392 | HOUSEHOLD WATER HEATERS, EXC. ELECTRIC | 164 | 176 | 154 | 135 | 145 | 142 | 142 | 141 | 132 | .80 |
| 36393 | OTHER HOUSEHOLD APPLIANCES & PARTS | 131 | 143 | 145 | 164 | 183 | 208 | 237 | 272 | 294 | 2.24 |
| 36390 | HOUSEHOLD APPLIANCES, N.E.C. N.S.K. | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | NC |
| 3641- | ELECTRIC LAMPS | 394 | 470 | 490 | 485 | 508 | 546 | 576 | 643 | 700 | 1.78 |
| 36410 | ELECTRIC LAMPS | 394 | 470 | 490 | 485 | 508 | 546 | 576 | 643 | 700 | 1.78 |
| 3642- | LIGHTING FIXTURES | 765 | 883 | 928 | 959 | 1,118 | 1,116 | 1,211 | 1,359 | 1,438 | 1.88 |
| 36422 | COMMERCIAL & INSTITUTIONAL TYPE ELECTRIC FIXTURES | 168 | 187 | 227 | 261 | 288 | 299 | 320 | 337 | 370 | 2.20 |
| 36423 | INDUSTRIAL TYPE ELECTRIC FIXTURES | 62 | 67 | 69 | 63 | 76 | 76 | 80 | 98 | 123 | 1.96 |
| 36424 | VEHICULAR LIGHTING EQUIPMENT ELECTRIC | 106 | 131 | 133 | 120 | 147 | 157 | 175 | 209 | 208 | 1.96 |
| 36425 | OUTDOOR LIGHTING EQUIPMENT | 76 | 83 | 88 | 97 | 124 | 135 | 143 | 158 | 178 | 2.33 |
| 36426 | OTHER ELECTRIC & NONELECTRIC LIGHTING EQUIPMENT | 69 | 79 | 77 | 83 | 81 | 85 | 98 | 111 | 121 | 1.75 |
| 36420 | LIGHTING FIXTURES, N.S.K. | 56 | NA | NA | NA | NA | 45 | 44 | 45 | *39 | NC |
| 3642A | RESIDENTIAL TYPE ELECTRIC FIXTURES & PORTABLE LAMPS (INC. 36421 & 36427) | 227 | 256 | 255 | 247 | 312 | 319 | 351 | 401 | 399 | 1.76 |
| 3643- | CURRENT CARRYING WIRING DEVICES, INC. LIGHTNING RODS | 448 | NA | NA | 451 | 505 | 562 | 606 | 644 | 781 | 1.74 |
| 36430 | CURRENT CARRYING WIRING DEVICES, INC. LIGHTNING RODS | 448 | NA | NA | 451 | 505 | 562 | 606 | 644 | 781 | 1.74 |
| 3644- | NONCURRENT CARRYING DEVICES | 342 | 374 | 367 | 381 | 381 | 439 | 492 | 536 | 606 | 1.77 |
| 36441 | POLE LINE & TRANSMISSION HARDWARE | 81 | 94 | 65 | 76 | 83 | 98 | 113 | 131 | 137 | 1.69 |
| 36442 | ELECTRIC CONDUIT & CONDUIT FITTINGS | 201 | 195 | 231 | 232 | 221 | 242 | 262 | 290 | 325 | 1.62 |
| 36443 | OTHER NONCURRENT CARRYING WIRING DEVICES & SUPPLIES | 59 | 85 | 70 | 73 | 78 | 93 | 111 | 109 | *137 | *2.31 |
| 36440 | NONCURRENT CARRYING DEVICES, N.S.K. | NA | NA | NA | NA | NA | 6 | 6 | 6 | 6 | NC |
| 3651- | RADIO & TV RECEIVING SETS | 1,482 | 1,744 | 1,641 | 1,712 | 1,948 | 2,071 | 2,346 | 2,984 | 3,875 | 2.62 |
| 36511 | HOUSEHOLD & AUTOMOBILE RADIOS, & RADIO-PHONOGRAPH COMBINATIONS | 345 | 422 | 415 | 432 | 496 | 531 | 578 | 698 | 830 | 2.41 |
| 36512 | HOUSEHOLD TELEVISION RECEIVERS, INC. TELEVISION COMBINATIONS | 727 | 815 | 775 | 812 | 925 | 1,092 | 1,292 | 1,687 | 2,357 | 3.24 |
| 36513 | RECORDERS, AUDIO AMPLIFIERS, PHONOGRAPHS, TUNERS, SPEAKER SYSTEMS, & OTHER AUDIO EQUIPMENT & ACCESSORIES | 409 | 503 | 445 | 462 | 524 | 431 | 460 | 590 | 682 | 1.67 |
| 36510 | RADIO & TV RECEIVING SETS, N.S.K. | 1 | *4 | *6 | *5 | *3 | 16 | *16 | *9 | *6 | NC |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 3652- | PHONOGRAPH RECORDS | 136 | 142 | 149 | 161 | 187 | 179 | 204 | 198 | 219 | 1.61 |
| 36520 | PHONOGRAPH RECORDS | 136 | 142 | 149 | 161 | 187 | 179 | 204 | 198 | 219 | 1.61 |
| 3661- | TELEPHONE TELEGRAPH APPARATUS | 1,079 | 1,245 | 1,431 | 1,583 | 1,758 | 1,538 | 1,696 | 1,953 | 2,125 | 1.97 |
| 36611 | TELEPHONE SWITCHING & SWITCHBOARD EQUIPMENT | 435 | 418 | 514 | 585 | 613 | 491 | 582 | 700 | 800 | 1.84 |
| 36612 | OTHER TELEPHONE & TELEGRAPH (WIRE) APPARATUS, EQUIPMENT, & COMPONENTS | 637 | 821 | 910 | 992 | 1,127 | 1,045 | 1,113 | 1,249 | 1,320 | 2.07 |
| 36610 | TELEPHONE TELEGRAPH APPARATUS, N.S.K. | 7 | 6 | *7 | *5 | *17 | 2 | 2 | *4 | *4 | NC |
| 3662- | RADIO, TV COMMUNICATIONS EQUIPMENT | NA | NA | NA | NA | NA | 6,052 | 5,655 | 5,725 | 6,596 | NA |
| 36621 | COMMERCIAL, INDUSTRIAL, & MILITARY ELECTRONIC COMMUNICATION EQUIPMENT | 416 | 519 | 597 | 812 | 859 | 1,081 | 997 | 1,145 | 1,446 | 3.48 |
| 36622 | RADIO & TELEVISION BROADCAST EQUIPMENT & CLOSED CIRCUIT SYSTEMS | 76 | 87 | 73 | 94 | 143 | 151 | 168 | 254 | 353 | 4.62 |
| 36623 | INTERCOMMUNICATION EQUIPMENT | 130 | 168 | 184 | 164 | 181 | 166 | 176 | 197 | 228 | 1.76 |
| 36624 | ELECTRONIC NAVIGATIONAL AIDS (EXC. MISSILE BORNE & SPACE VEHICLE BORNE EQUIPMENT) | 426 | 465 | 887 | 1,380 | 1,694 | 1,246 | 1,042 | 1,080 | 1,135 | 2.67 |
| 36625 | ELECTRONIC AIRCRAFT & MISSILE CONTROL, GUIDANCE & CHECK-OUT SYSTEMS | NA | NA | NA | NA | NA | 1,645 | 1,488 | 1,257 | 1,512 | NA |
| 36626 | OTHER COMMERCIAL, INDUSTRIAL & MILITARY ELECTRONIC EQUIPMENT, N.E.C. | NA | NA | NA | NA | NA | 724 | 829 | 886 | 936 | NA |
| 36627 | SPACE SATELLITE BORNE COMMUNICATION STATIONS (COMPLETE PACKAGE) | NA | NA | NA | NA | NA | 29 | 43 | 65 | 104 | NA |
| 36628 | MISSILE BORNE & SPACE VEHICLE BORNE EQUIPMENT | NA | NA | NA | NA | NA | 979 | 890 | 824 | 865 | NA |
| 36620 | RADIO, TV COMMUNICATIONS EQUIPMENT, N.S.K. | 0 | 0 | 0 | 0 | 0 | 32 | 22 | *16 | *17 | NC |
| 3671- | ELECTRON TUBES, RECEIVING TYPE | 337 | 336 | 307 | 264 | 278 | 288 | 259 | 263 | 304 | .90 |
| 36710 | ELECTRON TUBES, RECEIVING TYPE | 337 | 336 | 307 | 264 | 278 | 288 | 259 | 263 | 304 | .90 |
| 3672- | CATHODE RAY PICTURE TUBES, INC. REBUILT TUBES | 177 | 212 | 213 | 229 | 222 | 249 | 291 | 432 | 774 | 4.37 |
| 36720 | CATHODE RAY PICTURE TUBES, INC. REBUILT TUBES | 177 | 212 | 213 | 229 | 222 | 249 | 291 | 432 | 774 | 4.37 |
| 3673- | TRANSMITTING, INDUSTRIAL, & SPECIAL PURPOSE ELECTRON TUBES (EXC. X-RAY) | 225 | 258 | 256 | 297 | 338 | 287 | 254 | 270 | 305 | 1.35 |
| 36730 | TRANSMITTING, INDUSTRIAL, & SPECIAL PURPOSE ELECTRON TUBES (EXC. X-RAY) | 225 | 258 | 256 | 297 | 338 | 287 | 254 | 270 | 305 | 1.35 |
| 3674- | SOLID STATE SEMICONDUCTOR DEVICES | 237 | 390 | 526 | 553 | 568 | 623 | 638 | 839 | 1,068 | 4.51 |
| 36740 | SOLID STATE SEMICONDUCTOR DEVICES | 237 | 390 | 526 | 553 | 568 | 623 | 638 | 839 | 1,068 | 4.51 |
| 3679- | ELECTRONIC COMPONENTS, N.E.C. | 1,298 | 1,488 | 1,638 | 1,795 | 2,190 | 2,606 | 2,558 | 3,571 | 4,808 | 3.71 |
| 36792 | CAPACITORS FOR ELECTRONIC APPLICATIONS | 184 | 241 | 271 | 295 | 356 | 319 | 309 | 370 | 478 | 2.60 |
| 36793 | RESISTORS FOR ELECTRONIC APPLICATIONS | 147 | 205 | 212 | 236 | 275 | 313 | 289 | 374 | 493 | 3.36 |
| 36794 | COILS, TRANSFORMERS, REACTORS, & CHOKES FOR ELECTRONIC APPLICATIONS | 192 | 223 | 215 | 212 | 228 | 274 | 259 | 369 | 484 | 2.52 |
| 36795 | OTHER ELECTRONIC COMPONENTS & ACCESSORIES, N.E.C. | 685 | 721 | 826 | 930 | 1,201 | 1,602 | 1,656 | 2,367 | 3,275 | 4.78 |
| 36790 | ELECTRONIC COMPONENTS N.S.K. | 90 | 98 | *114 | *123 | *130 | 99 | *45 | *92 | *77 | NC |
| 3691- | STORAGE BATTERIES | 361 | 401 | 405 | 407 | 437 | 504 | 520 | 610 | 613 | 1.70 |
| 36911 | STORAGE BATTERIES, SLI TYPE | 279 | 310 | 299 | 298 | 318 | 361 | 379 | 423 | 418 | 1.50 |
| 36912 | STORAGE BATTERIES (OTHER THAN SLI TYPE) INC. PARTS FOR STORAGE BATTERIES, ALL TYPES | 79 | 88 | 102 | 106 | 116 | 139 | 137 | 168 | 177 | 2.26 |
| 36910 | STORAGE BATTERIES, N.S.K. | 4 | *4 | *4 | *3 | *3 | 5 | *4 | *19 | *18 | NC |
| 3692- | PRIMARY BATTERIES, DRY & WET | 136 | 158 | 153 | 171 | 197 | 192 | 204 | 221 | 264 | 1.94 |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|---|------|------|------|------|------|------|------|-------|-------|----------------|
| 36920 | PRIMARY BATTERIES, DRY & WET | 136 | 158 | 153 | 171 | 197 | 192 | 204 | 221 | 264 | 1.94 |
| 3693- | X-RAY EQUIPMENT, INC. X-RAY TUBES & ELECTROTHERAPEUTIC APPARATUS | 73 | 78 | 88 | 55 | HI | 109 | 117 | 121 | 156 | 2.13 |
| 36930 | X-RAY EQUIPMENT, INC. X-RAY TUBES & ELECTROTHERAPEUTIC APPARATUS | 73 | 78 | 88 | 55 | 81 | 109 | 117 | 121 | 156 | 2.13 |
| 3694- | ENGINE ELECTRICAL EQUIPMENT | 587 | 744 | 743 | 729 | 813 | 874 | 905 | 1,059 | 1,124 | 1.92 |
| 36941 | IGNITION HARNESS & CABLE SETS | 29 | 35 | 37 | 37 | 39 | 59 | 56 | 70 | 82 | 2.83 |
| 36942 | BATTERY CHARGING GENERATORS | 105 | 130 | 124 | 125 | 126 | 199 | 189 | 253 | 236 | 2.25 |
| 36943 | CRANKING MOTORS | 82 | 112 | 114 | 99 | 119 | 135 | 144 | 174 | 184 | 2.23 |
| 36944 | SPARK PLUGS | 123 | 160 | 157 | 149 | 159 | 144 | 154 | 165 | 181 | 1.47 |
| 36945 | OTHER COMPLETE ELECTRICAL EQUIPMENT FOR INTERNAL COMBUSTION ENGINES | 134 | 163 | 160 | 155 | 190 | 217 | 222 | 253 | 282 | 2.11 |
| 36946 | COMPONENTS & PARTS FOR ENGINE ELECTRICAL EQUIPMENT | 103 | 131 | 129 | 131 | 149 | 115 | 133 | 134 | 150 | 1.45 |
| 36940 | ENGINE ELECTRICAL EQUIPMENT, N.S.K. | 11 | *14 | *21 | *32 | *31 | 5 | 8 | *11 | *11 | NC |
| 3699- | ELECTRICAL PRODUCTS, N.E.C. | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 36992 | LAMP BULK COMPONENTS & OTHER ELECTRICAL PRODUCTS | 116 | 125 | 119 | 133 | 142 | 157 | 146 | 164 | 197 | 1.70 |
| 36996 | APPLIANCE WIRE & CORD & FLEXIBLE CORD SETS (SEE 3357X) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 36990 | ELECTRICAL PRODUCTS, N.S.K. | 6 | *12 | *35 | *13 | *8 | 11 | 12 | *9 | *9 | NC |

Table II-7.--IMPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66

| Product code | Title | Imports, for consumption (million dollars) | | | | | | | | |
|-------------------------------|--|--|-------|-------|-------|-------|------------------|------------------|------------------|------------------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | MACHINERY, EXCEPT ELECTRICAL | | | | | | | | | |
| 335 | Machinery, except electrical, total ¹ | 1,309.1 | 948.9 | 718.7 | 572.5 | 507.9 | 421.8 | 412.2 | 381.2 | 277.9 |
| 3511 | Steam engines, turbines, turbogenerators, and parts..... | 7.1 | 9.3 | 10.0 | 12.1 | 6.0 | 2.4 | 4.0 | 5.8 | 0.8 |
| 35192, 4 | Diesel and semidiesel engines..... | 21.0 | 15.5 | 13.7 | 12.8 | 8.3 | 11.3 | 8.7 | 4.6 | 4.8 |
| 35191, 3-6 | Internal combustion engines, n.e.c..... | 35.4 | 25.8 | 11.2 | | | | | | |
| 3522 | Farm machinery and equipment..... | 286.7 | 221.6 | 180.4 | 175.3 | 150.9 | 114.1 | 134.7 | 169.1 | 122.3 |
| 35222, 9 pt. | Wheel tractors (except contractors' off-high-way), garden tractors, etc.; parts and attachments..... | 96.0 | 65.7 | 36.8 | 54.8 | 52.4 | 34.7 | 46.2 | 52.1 | 29.3 |
| 35223 pt. | Planting, seeding, and fertilizing machinery | 11.5 | 9.0 | 8.7 | 9.0 | 8.6 | 5.7 | 6.7 | 4.1 | 3.2 |
| 35224 pt. | Plows, listers, harrows, rollers, pulverizers, and stalk cutters..... | 10.2 | 10.0 | 9.1 | 9.5 | 8.4 | 5.3 | 5.5 | 10.8 | 7.6 |
| 35226 pt. | Haying machinery and mowers, except lawn mowers..... | 13.4 | 17.0 | 16.1 | 18.7 | 15.5 | 9.5 | 10.3 | 7.6 | 3.7 |
| 35227 | Lawn mowers..... | 0.6 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 |
| 35225 pt. | Harvesting machinery..... | 106.4 | 86.6 | 77.2 | 44.7 | | | | | |
| 35228 | Farm dairy machines, elevators, blowers, sprayers, and dusters..... | 5.0 | 4.0 | 4.4 | | 65.7 | 58.7 | 65.6 | 94.2 | n.a. |
| 35229 pt. | Farm machinery (except tractor) parts and other farm machinery, n.e.c..... | 43.6 | 28.7 | 27.8 | 38.3 | | | | | |
| 35311-3 | Construction-type tractors, parts, and attachments..... | 36.6 | 25.7 | 13.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35314, 7-9; 3532; 35331, 2, 4 | Mining and construction machinery, n.e.c. and parts..... | 48.4 | 33.7 | 31.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3534 | Elevators and moving stairways..... | 0.9 | 1.1 | 0.7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3535 | Conveying equipment..... | 3.0 | 2.5 | 1.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3536 | Hoists, cranes, and monorail systems..... | 11.4 | 7.6 | 5.0 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3537 | Industrial trucks and tractors..... | 2.1 | 0.7 | 1.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3541 | Metal-cutting machine tools and parts ² | 121.2 | 58.9 | 38.3 | 33.4 | 28.5 | 622.7 | 626.3 | 23.8 | 17.7 |
| 35411 | Boring machines ² | 12.8 | 6.1 | 3.8 | 3.1 | 2.2 | 2.5 | 3.5 | 3.3 | 3.5 |
| 35412 | Drilling machines ² | 5.1 | 2.3 | 1.5 | 1.0 | 0.9 | 1.4 | 1.7 | 1.6 | 1.0 |
| 35413 | Gear cutting and finishing machines ² | 2.4 | 3.3 | 1.4 | 1.1 | 0.8 | 0.9 | 1.5 | 1.4 | 0.7 |
| 35415 | Lathes ² | 37.2 | 14.2 | 8.9 | 8.8 | 8.4 | 7.8 | 8.5 | 7.3 | 4.1 |
| 35416 | Milling machines ² | 17.4 | 6.1 | 3.3 | 2.2 | 1.8 | 2.6 | 3.1 | 2.2 | 2.1 |
| 35414 | Grinding and polishing machines ² | 12.7 | 6.5 | 4.9 | 9.8 | 7.7 | 7.5 | 8.1 | 7.9 | 6.3 |
| 35418 | Other machine tools ² | 17.1 | 9.7 | 6.7 | | | | | | |
| 35419 | Parts for metal-cutting machine tools, and rebuilt machine tools ² | 16.5 | 10.8 | 7.7 | 7.4 | 6.7 | (³) | (³) | (³) | (³) |
| 3542; 35485 | Metalworking machinery, n.e.c., and parts..... | 16.2 | 10.0 | 7.5 | 11.7 | 9.1 | 9.8 | 9.4 | 8.7 | 10.5 |
| 35421-3; 35485 | Metalworking machinery, n.e.c..... | 13.1 | 8.2 | 5.7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35424 | Parts for metalworking machinery, n.e.c..... | 3.1 | 1.8 | 1.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3544, 5 | Special dies, jigs, and fixtures and machine tool accessories and measuring devices..... | 37.5 | 27.9 | 19.0 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-7--IMPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66--Con.

| Product code | Title | Imports, for consumption (million dollars) | | | | | | | | |
|------------------|--|--|------|------|-------|-------|-------|-------|-------|------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | MACHINERY, EXCEPT ELECTRICAL--Con. | | | | | | | | | |
| 3544, 5 | Special dies, jigs, and fixtures and machine tool accessories and measuring devices--Con. | | | | | | | | | |
| 35441,35453 | Special dies, jigs, and fixtures and metal-working attachments ⁴ | 7.1 | 7.0 | 3.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35442 | Metal foundry molding boxes and molds..... | 14.5 | 11.6 | 8.5 | 56.2 | 52.2 | n.a. | n.a. | n.a. | n.a. |
| 35451 | Small cutting tools for metalworking machinery ⁴ | 10.5 | 7.0 | 5.4 | 66.1 | 65.8 | 64.4 | 64.3 | 64.2 | 62.7 |
| 35452 | Precision measuring tools..... | 5.4 | 2.2 | 1.8 | 1.5 | 1.4 | 1.0 | 1.1 | 1.1 | n.a. |
| 35481 | Rolling mill machinery..... | 2.6 | 3.1 | 2.0 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35482 | Power-driven handtools..... | 5.3 | 2.9 | 1.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35483 | Acetylene welding and cutting apparatus..... | 2.1 | 1.3 | 1.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3551 | Food products machinery..... | 48.2 | 43.5 | 31.5 | 14.0 | 10.1 | 8.4 | 6.1 | 3.0 | 3.5 |
| 35512 | Commercial food products machinery..... | 2.9 | 2.7 | 2.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35511,3 | Dairy product plant machinery and other industrial food products machinery and parts... | 45.3 | 40.8 | 29.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3552 | Textile machinery and parts..... | 121.5 | 74.8 | 56.4 | 38.3 | 40.4 | 35.4 | 28.1 | 20.6 | 12.7 |
| 35521 | Textile machinery..... | 84.2 | 54.9 | 38.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35522 | Parts and attachments for textile machinery... | 37.3 | 19.9 | 18.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3553 | Woodworking machinery and parts..... | 10.0 | 6.8 | 6.7 | 5.3 | 4.8 | 4.4 | 4.9 | 1.5 | 1.3 |
| 3554 | Paper industries machinery and parts..... | 29.0 | 23.5 | 18.8 | 12.9 | 6.9 | 3.7 | 4.9 | 3.4 | 3.7 |
| 3555 | Printing trades machinery and parts..... | 36.1 | 31.6 | 25.5 | 23.5 | 21.1 | 20.4 | 20.0 | 16.4 | 15.3 |
| 35551 | Printing presses..... | 22.8 | 21.8 | 16.6 | 16.4 | 14.4 | 15.5 | 15.4 | 12.3 | 11.6 |
| 35552 | Other printing trades machinery and parts... | 13.4 | 9.8 | 8.9 | 7.1 | 6.7 | 4.9 | 4.6 | 4.1 | 3.7 |
| 35592,33211 | Foundry machinery and equipment (except patterns and molds, other than steel ingot molds)..... | 8.1 | 3.5 | 1.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3561 | Pumps and compressors..... | 29.1 | 27.5 | 17.1 | 9.2 | 6.7 | 5.4 | 6.3 | n.a. | n.a. |
| 35614 | Air and gas compressors, except refrigeration | 8.7 | 6.9 | 3.8 | 102.3 | 102.0 | 101.3 | 101.5 | 100.9 | n.a. |
| 35616 | Parts and attachments for air and gas compressors..... | 8.3 | 9.8 | 6.3 | 3.4 | 114.7 | 114.1 | 114.8 | n.a. | n.a. |
| 35611-3, 5; 3991 | Pumps and pumping equipment, except air and gas compressors, and domestic water systems and pumps..... | 112.1 | 10.8 | 7.0 | 113.5 | 113.5 | | | | |
| 35621,2,4 | Ball and roller bearings, not mounted..... | 51.6 | 33.4 | 24.3 | 19.4 | 16.3 | 10.1 | 10.2 | 10.4 | 2.8 |
| 35641,36341 | Blowers and fans..... | 2.5 | 1.7 | 1.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3565 | Industrial patterns..... | 0.4 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | n.a. | n.a. |
| 3566,35623 | Mechanical power transmission equipment, except unmounted ball and roller bearings..... | 13.2 | 11.3 | 8.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35662 | Speed changers, industrial high speed drives and gears..... | 3.1 | 1.7 | 1.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35661,3; 35623 | Bearings, and other mechanical power-transmission equipment..... | 10.0 | 9.6 | 7.7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-7.--IMPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66--Con.

| Product code | Title | Imports, of domestic merchandise (million dollars) | | | | | | | | |
|--------------|--|--|--------|--------|--------|--------|--------|--------|--------|------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | MACHINERY, EXCEPT ELECTRICAL--Con. | | | | | | | | | |
| 3567 | Industrial furnaces, ovens, and parts..... | 127.2 | 125.1 | 123.3 | 122.7 | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35671 | Electric industrial furnaces and ovens, metal processing..... | 125.3 | 123.7 | 122.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35672 | Industrial furnaces and ovens, fuel-fired, metal processing..... | 121.5 | 120.8 | 120.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35673 | Other industrial furnaces, ovens, and parts, n.e.c..... | 120.1 | 120.6 | 120.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3572 | Typewriters and parts..... | 59.3 | 47.5 | 37.6 | 34.0 | 33.3 | 33.8 | 26.7 | 22.5 | 20.0 |
| 3576 | Scales and balances, except laboratory..... | 2.4 | 2.1 | 1.5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3571,9 | Office machines, n.e.c..... | 13129.4 | 95.1 | 72.4 | 1466.2 | 1452.9 | 1441.6 | 1441.9 | 1429.5 | n.a. |
| 3581 | Automatic merchandising machines..... | 1.9 | 1.4 | 1.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3582,36332 | Laundry equipment and parts, except household washing machines and dryers..... | 3.2 | 3.3 | 2.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3585 | Refrigerators and refrigeration machinery, except household..... | 7.6 | 6.4 | 3.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35851,3,5,7 | Heat transfer equipment and refrigeration equipment..... | 5.1 | 5.0 | 3.5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35854 | Compressors and compressor units, all refrigerants..... | 2.5 | 1.4 | 0.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3586 | Measuring and dispensing pumps..... | (15) | 0.1 | 0.1 | (15) | (15) | (15) | (15) | n.a. | n.a. |
| 3500 | Miscellaneous machinery, n.e.c.16..... | 111.2 | 82.5 | 66.5 | 87.9 | 103.5 | 92.9 | 74.6 | 55.6 | n.a. |
| | ELECTRICAL MACHINERY | | | | | | | | | |
| 36 | Electrical machinery, total..... | 1,179.0 | 804.1 | 578.8 | 516.9 | 483.7 | 383.5 | 317.0 | 291.2 | n.a. |
| 3611 | Electrical measuring instruments..... | 35.9 | 23.0 | 16.7 | 16.0 | 16.3 | 7.7 | 9.4 | n.a. | n.a. |
| 36111 | Integrating instruments, electrical..... | Z | Z | Z | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36112,3 | Other electrical measuring instruments..... | 35.9 | 22.9 | 16.7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3612,36794 | Power, distribution, and specialty transformers, including electronic..... | 24.4 | 10.5 | 5.8 | 4.9 | 4.5 | 6.6 | 6.5 | 6.4 | 7.7 |
| 3621 | Motors and generators and parts..... | 1736.6 | 1727.4 | 1717.1 | 10.0 | 16.2 | 16.5 | 12.6 | 13.6 | 10.0 |
| 36211 | Fractional horsepower motors and generators.. | 17.5 | 15.5 | 8.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36212,3 | Integral horsepower motors and generators.... | 9.3 | 5.9 | 4.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36215 | Motor-generator sets and other rotating equipment..... | 0.2 | 0.2 | 0.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36216 | Parts and supplies, except for land transportation equipment..... | 9.5 | 5.8 | 4.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3623 | Welding apparatus..... | 3.1 | 1.4 | 1.3 | 1.0 | 1.0 | 1.2 | 1.0 | n.a. | n.a. |
| 36232 | Arc welding electrodes, metal..... | 1.0 | 0.5 | 0.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36231,3 | Other welding machines, components, and accessories, n.e.c..... | 2.2 | 0.9 | 1.0 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-7--IMPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66--Con.

| Product code | Title | Imports, for consumption (million dollars) | | | | | | | | |
|---------------------------------|---|--|-------|-------|---------|---------|---------|---------|-------|-------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | ELECTRICAL MACHINERY--Con. | | | | | | | | | |
| 3624 | Carbon and graphite products..... | 14.4 | 9.4 | 7.2 | 4.3 | 3.2 | 2.6 | 2.5 | 1.2 | 1.4 |
| 3631,4,9; 35891,2 | Household equipment and appliances, n.e.c..... | 32.1 | 22.0 | 17.1 | 12.5 | 10.7 | 10.3 | 8.5 | n.a. | n.a. |
| 36342 | Electric razors..... | 14.9 | 7.2 | 5.3 | 7.1 | 9.7 | 98.6 | 97.3 | n.a. | n.a. |
| 36392 | Household water heaters, except electric.... | 0.2 | 0.1 | 0.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3632 | Household refrigerators; home and farm freezers | 17.9 | 13.3 | 8.4 | 5.7 | 4.4 | 1.6 | 0.9 | n.a. | n.a. |
| 3633 | Household laundry equipment ¹⁹ | 0.4 | 0.6 | 0.7 | 4.0 | 1.7 | 0.8 | 0.1 | n.a. | n.a. |
| 3635,35893 | Household vacuum cleaners and parts..... | 2.0 | 1.9 | 1.9 | 2.1 | 1.6 | 1.3 | 0.4 | 0.1 | 0.2 |
| 3636 | Sewing machines and parts..... | 75.5 | 67.2 | 57.6 | 42.6 | 43.8 | 38.6 | 34.8 | 44.0 | 33.6 |
| 3641 | Electric lamps (bulbs only)..... | 23.4 | 14.6 | 10.6 | 10.7 | 10.0 | 10.2 | 9.2 | 6.9 | 6.4 |
| 3642 | Lighting fixtures..... | 33.0 | 25.3 | 18.4 | 2015.9 | 2011.8 | 207.8 | 207.0 | 203.0 | 202.4 |
| 36421-3 | Electric fixtures, except portable..... | 8.3 | 6.4 | 5.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36424-6 | Electric, except fixtures, and outdoor equip- ment (including hand portable equipment).... | 16.6 | 13.3 | 10.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36427 | Portable residential electric fixtures..... | 8.0 | 5.6 | 2.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3643;3613; 3622;36793 | Electric current circuit making and breaking devices, n.e.c..... | 40.8 | 27.1 | 16.7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36442 | Electric conduit and conduit fittings..... | 0.7 | 0.4 | 0.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3651;3662 3671-9; 36291,2 | Radio, phonograph, and television apparatus, and electronic equipment..... | 700.9 | 473.3 | 324.9 | 275.1 | 252.3 | 188.6 | 138.2 | 78.2 | 30.7 |
| 3651 | Radio and television receiving sets..... | 424.5 | 301.1 | 221.9 | 21184.5 | 21173.4 | 21142.6 | 21104.5 | n.a. | n.a. |
| 36511 | Household and automobile radios and radio- phonograph combinations..... | 165.5 | 137.2 | 103.5 | 97.7 | 102.7 | 94.5 | 76.3 | n.a. | n.a. |
| 36512 | Household television receivers..... | 115.7 | 59.6 | 39.2 | 22.6 | 221.0 | 223.9 | 221.9 | n.a. | n.a. |
| 36513 | Other audio equipment and accessories..... | 1343.3 | 104.3 | 79.2 | 64.2 | 59.7 | 44.2 | 26.3 | n.a. | n.a. |
| 3662;3674; 9;36291,2 | Radio, television communication goods ²³ | 224.6 | 137.1 | 79.6 | 62.5 | 52.5 | 28.2 | 20.7 | n.a. | n.a. |
| 36621-3,7 | Electronic communication systems, and electronic alarm and signal systems..... | 91.1 | 45.6 | 23.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36624,5,8 | Electronic navigational aids and detection equipment..... | 26.0 | 24.8 | 19.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3674;36292 | Solid state semiconductor devices, and rectifying devices, n.e.c..... | 44.5 | 25.6 | 9.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36792;36291 | Capacitors, including industrial..... | 24.5 | 15.5 | 8.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36795 | Other electronic components..... | 38.5 | 25.6 | 18.7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3671 | Electronic tubes, receiving type..... | 33.3 | 25.7 | 15.2 | 2428.1 | 2426.4 | 2417.8 | 2413.0 | n.a. | n.a. |
| 3672 | Cathode ray picture tubes..... | 6.9 | 1.6 | 0.8 | | | | | | |
| 3673 | Transmitting, industrial and special purpose electron tubes (except X-ray)..... | 11.6 | 7.8 | 7.4 | | | | | | |
| 3652 | Phonograph records..... | 4.9 | 4.3 | 4.0 | 3.3 | 4.3 | 4.1 | 3.7 | 3.6 | 3.0 |
| 3661 | Telephone and telegraph apparatus..... | 32.5 | 17.0 | 17.3 | 16.4 | 13.2 | 13.3 | 11.0 | 7.8 | 4.0 |
| 3691 | Storage batteries..... | 7.5 | 6.2 | 4.9 | 3.7 | 3.5 | 1.9 | 2.0 | 1.5 | 1.1 |
| 3692 | Primary batteries..... | 10.4 | 7.4 | 8.2 | 6.8 | 5.8 | 4.5 | 2.5 | 1.7 | 0.7 |

Table II-7--IMPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66--Con.

| Product code | Title | Imports, for consumption (million dollars) | | | | | | | | |
|--------------|---|--|------|------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | ELECTRICAL MACHINERY--Con. | | | | | | | | | |
| 3693 | X-ray and therapeutic apparatus ²⁵ | 18.4 | 14.6 | 11.3 | 8.9 | 6.7 | n.a. | n.a. | n.a. | n.a. |
| 36942 | Battery charging generators..... | 1.3 | 0.8 | 0.5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36943 | Cranking motors..... | 1.4 | 0.9 | 0.5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36944 | Spark plugs..... | 3.6 | 2.9 | 2.6 | (²⁶) | (²⁶) | (²⁶) | (²⁶) | (²⁶) | (²⁶) |
| 36945, 6 | Other engine electrical equipment and parts..... | 13.3 | 4.7 | 2.5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3600 | Miscellaneous electrical machinery, n.e.c..... | 44.7 | 27.9 | 21.9 | 73.0 | 72.9 | 65.9 | 66.7 | n.a. | n.a. |

¹Data for parts for internal combustion engines (code 35197) are included in Major Group 37. Imports include fire extinguishers (code 39991).

²Output includes home workshop metal-cutting machine tools in code 35418, and rebuilt tools in code 35419. Imports include these in the individual 5-digit lines of codes 35411-8.

³Parts included in codes 35411-8.

⁴Imports of special dies and punches (part of code 35441) included with code 35451.

⁵Data do not include molds for materials other than rubber or plastics; 1964 value for other materials was \$0.9 million.

⁶Includes rock drilling tips of code 3531; 1964 value was \$0.9 million.

⁷1965 data does not include gages and gage blocks (1966 value of \$1.8 million).

⁸Includes all machinery, n.e.c., for treatment of materials by a process involving a change in temperature.

⁹Does not include machinery for the manufacture of sugar (in code 35228); 1964 value was \$2.5 million.

¹⁰Includes refrigeration compressors (code 35854); 1964 value was \$0.2 million.

¹¹Includes measuring pumps (code 3586); 1964 value was \$0.1 million.

¹²Includes furnaces for processing nonmetals (part of code 35595).

¹³Office, dictation, recording, and transcribing machines (part of code 3579) are in code 36513 (1965 reported value was \$6.1 million).

¹⁴Primary computing-type machines and office dictating and recording machines. Does not include miscellaneous office machines previously in code 3500 and having 1964 value of \$3.9 million.

¹⁵Included with code 35611-3, 5.

¹⁶Imports cover products primarily in this major group.

¹⁷Does not include code 36214.

¹⁸Includes parts, which in 1964 amounted to \$1.3 million.

¹⁹Imports represent electric washing machines only.

²⁰Includes Christmas tree lighting sets (part of code 36992); 1964 value was \$4.6 million.

²¹Includes some components and parts belonging in code 3679.

²²Includes other miscellaneous television apparatus.

²³Imports do not include codes 36626, 36793, or 36794.

²⁴Includes television tubes parts (part of code 36795).

²⁵Imports include diagnostic apparatus (part of which may not belong in code 3693).

²⁶Included in Major Group 37.

Table II-8.--EXPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|------------------|---|---|---------|---------|---------|---------|---------|---------|-------|-------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | MACHINERY, EXCEPT ELECTRICAL | | | | | | | | | |
| 35 | Machinery, except electrical, total..... | 5,222.4 | 4,964.3 | 4,581.2 | 3,809.7 | 3,631.8 | 3,403.1 | 3,106.5 | n.a. | n.a. |
| 3511 | Steam engines, turbo-generators and parts..... | 117.6 | 141.6 | 136.3 | 85.2 | 46.9 | 52.5 | 46.2 | 98.7 | 66.7 |
| 35111 | Steam, gas, and hydraulic turbine generator sets and parts..... | 69.1 | 88.9 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35112 | Steam, gas, and hydraulic turbines..... | 48.5 | 52.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3519 | Internal combustion engines, n.e.c..... | 1330.7 | 1400.3 | 257.3 | 207.2 | 201.7 | 176.5 | 173.8 | 162.0 | 148.6 |
| 35192 | Diesel and semidiesel engines, except automotive..... | 78.6 | 82.9 | 82.9 | 63.4 | 54.6 | 49.3 | 47.0 | 45.8 | 40.8 |
| 35194 | Diesel and semidiesel engines, automotive..... | 16.2 | 20.7 | | | | | | | |
| 35191 | Gasoline engines, except outboard, aircraft, and automotive engines..... | 45.6 | 40.6 | | | | | | | |
| 35193 | Gas engines, except gas turbines..... | 1.3 | 1.0 | | | | | | | |
| 35195 | Outboard motors..... | 23.7 | 17.8 | 57.8 | 45.9 | 50.7 | 40.4 | 42.1 | 34.8 | 28.8 |
| 35196 | Internal combustion engines, n.e.c..... | 3.0 | 3.6 | | | | | | | |
| 35197 | Parts and accessories, n.e.c., for internal combustion engines..... | 1162.3 | 1233.6 | 2116.6 | 297.9 | 296.4 | 286.8 | 284.7 | 281.5 | 279.0 |
| 3522 | Farm machinery..... | 455.1 | 440.2 | 413.1 | 318.0 | 264.0 | 247.6 | 246.7 | 254.0 | 215.8 |
| 35222, 9 pt. | Wheel and garden tractors and parts..... | 210.9 | 210.4 | 189.0 | 135.1 | 106.0 | 103.9 | 101.7 | 110.1 | 92.6 |
| 35222 pt. | Wheel tractors, except parts..... | 134.5 | 137.6 | 131.9 | 89.1 | 64.8 | 61.0 | 59.0 | 71.4 | 65.4 |
| 35229 pt. | Garden tractors and motor tillers, except parts..... | 5.2 | 3.3 | 4.3 | 4.1 | 3.2 | 3.6 | 3.1 | 2.7 | 1.4 |
| 35222 pt.; 9 pt. | Wheel and garden tractor parts and attachments..... | 71.2 | 69.4 | 52.8 | 41.9 | 38.0 | 39.3 | 39.6 | 36.0 | 25.8 |
| 35223 pt. | Planting, seeding, and fertilizing machinery | 13.5 | 12.8 | 11.1 | 9.2 | 7.9 | 6.2 | 6.6 | ..... | ..... |
| 35224 pt. | Plows, listers, harrows, rollers, pulverizers, and stalk cutters..... | 19.6 | 19.5 | 16.9 | 12.9 | 11.3 | 10.2 | 10.6 | 11.4 | 11.7 |
| 35225 pt. | Harvesting machinery..... | 73.2 | 71.8 | 59.5 | 44.4 | 31.7 | 27.2 | 30.8 | 28.2 | 19.3 |
| 35226 pt. | Haying machinery and mowers, except lawn mowers..... | 20.3 | 18.5 | 17.4 | 17.4 | 18.6 | 16.6 | 18.4 | 17.5 | 15.2 |
| 35227 | Lawn mowers and parts..... | 13.2 | 10.5 | 35.9 | 34.7 | 36.0 | 36.5 | 36.1 | 35.4 | 34.8 |
| 35228 | Farm dairy machines, elevators, blowers, sprayers, and dusters..... | 417.4 | 416.9 | | | | | | | |
| 35229 pt. | Farm machinery (except tractors) parts and other farm machinery, n.e.c..... | 87.0 | 79.8 | 113.3 | 94.3 | 82.6 | 77.0 | 72.6 | 75.1 | n.a. |
| 3531, 2 | Construction and mining machinery and equipment | 1,149.8 | 1,148.7 | 1,104.0 | 908.2 | 833.6 | 789.5 | 786.3 | n.a. | n.a. |
| 3531 | Construction machinery and equipment..... | 1,047.9 | 1,055.0 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35311 | Contractors' off-highway wheel tractors... | 49.8 | 53.8 | 52.9 | 40.2 | 36.3 | 35.5 | 31.2 | 24.6 | 26.1 |
| 35312 | Tracklaying type tractors..... | 193.9 | 208.7 | 193.8 | 155.3 | 130.8 | 137.7 | 169.8 | 133.1 | 116.6 |
| 35316 | Mixers, pavers, and related equipment..... | 17.6 | 17.7 | 20.2 | 16.3 | 14.4 | 16.1 | 13.8 | 18.2 | 17.7 |

Table II-8.--EXPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66--Con.

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--------------|---|---|---------|---------|---------|---------|---------|---------|--------|---------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | MACHINERY, EXCEPT ELECTRICAL--Con. | | | | | | | | | |
| 3531,2 | Construction and mining machinery and equipment--Con. | | | | | | | | | |
| 3531 | Construction Machinery and equipment--Con. | | | | | | | | | |
| 35313 | Parts and attachments for tracklaying and contractors' off-highway wheel tractors and shovel-loaders..... | 521.4 | 5213.2 | | | | | | | |
| 35314 | Power cranes, draglines, shovels and parts | 150.6 | 6142.3 | | | | | | | |
| 35317 | Tractor shovel-loaders, except parts and attachments..... | 130.8 | 132.2 | | | | | | | |
| 35318 | Scrapers, graders, off-highway trucks and parts..... | 145.5 | 144.9 | | | | | | | |
| 35319 | Other construction machinery and equipment and parts..... | 5138.3 | 5142.1 | 837.1 | 696.4 | 652.0 | 600.3 | 571.4 | n.a. | n.a. |
| 3532 | Mining machinery and equipment..... | 101.9 | 93.7 | | | | | | | |
| 35321 | Underground and mining machinery and equipment..... | 19.1 | 19.4 | | | | | | | |
| 35322 | Crushing, pulverizing, and screening plants, stationary..... | 9.9 | 9.3 | | | | | | | |
| 35323 | All other mining machinery and equipment.. | 20.9 | 17.4 | | | | | | | |
| 35324 | Parts and attachments for mining machinery and equipment..... | 51.9 | 47.7 | | | | | | | |
| 3533 | Oilfield machinery and equipment..... | 185.9 | 177.1 | 150.5 | 134.2 | 142.9 | 144.4 | 159.6 | 154.0 | 173.1 |
| 35331,2 | Oil and gas field drilling machinery..... | 127.3 | 124.7 | 105.6 | 93.7 | 104.9 | 105.9 | 129.2 | 123.8 | 140.4 |
| 35334 | Other oil and gas field equipment..... | 79.8 | 77.0 | | | | | | | |
| 35333 | Oil and gas field production equipment..... | 48.8 | 45.4 | 44.9 | 40.4 | 38.0 | 38.5 | 30.4 | 30.2 | 32.7 |
| 3534 | Elevators and moving stairways..... | 8.8 | 8.3 | 86.2 | 84.1 | 84.8 | 84.6 | 84.5 | 85.0 | 85.8 |
| 3535 | Conveying equipment..... | 40.7 | 36.3 | 39.8 | 39.5 | 35.5 | 30.1 | 28.0 | 24.0 | 28.2 |
| 3536 | Hoists, industrial cranes and monorail systems and parts..... | 21.5 | 18.0 | 918.7 | 921.6 | 914.5 | 912.7 | 913.2 | 914.3 | 917.2 |
| 35361 | Hoists..... | 14.7 | 12.4 | 914.9 | 911.6 | 910.8 | 99.5 | 910.2 | 910.0 | 99.8 |
| 35362 | Overhead traveling cranes and monorail systems..... | 106.7 | 105.6 | 3.8 | 10.0 | 3.7 | 3.2 | 3.0 | 4.3 | 7.4 |
| 3537 | Industrial trucks and tractors..... | 68.1 | 65.9 | 55.1 | 45.0 | 40.1 | 39.4 | 40.7 | 34.8 | 32.9 |
| 3541 | Metal-cutting machine tools and parts..... | 11177.3 | 11191.6 | 12204.8 | 12144.9 | 12205.3 | 12191.6 | 12127.8 | 1082.3 | 10100.6 |
| 35411 | Boring machine..... | 12.1 | 12.0 | 23.3 | 11.4 | 21.3 | 13.7 | 11.1 | 6.3 | 9.8 |
| 35412 | Drilling machines..... | 6.2 | 8.6 | 13.9 | 6.3 | 9.2 | 7.0 | 5.2 | 3.5 | 7.1 |
| 35413 | Gear-cutting and finishing machines..... | 15.8 | 16.0 | 18.7 | 14.3 | 22.6 | 26.1 | 18.9 | 11.2 | 9.7 |
| 35414 | Grinding and polishing machines..... | 34.6 | 37.4 | 45.2 | 37.3 | 51.2 | 52.1 | 31.3 | 17.6 | 22.9 |
| 35415 | Lathes..... | 19.8 | 23.5 | 36.7 | 26.0 | 35.4 | 40.5 | 24.7 | 17.3 | 17.8 |
| 35416 | Milling machines..... | 8.9 | 7.5 | 18.2 | 11.4 | 19.7 | 16.0 | 10.2 | 9.1 | 13.8 |
| 35418 | Other machine tools..... | 39.5 | 44.8 | 34.8 | 25.5 | 32.4 | 25.7 | 15.4 | 10.2 | 12.2 |
| 35419 | Rebuilt machine tools and parts for metal-cutting machine tools..... | 1340.4 | 1341.9 | 1414.2 | 1412.5 | 1413.5 | 1410.4 | 1411.0 | 147.1 | 147.3 |

Table II-8.--EXPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66--Con.

| Product code | Title | Exports for domestic merchandise (million dollars) | | | | | | | | |
|--------------|--|--|--------|---------|---------|---------|---------|---------|---------|---------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | MACHINERY, EXCEPT ELECTRICAL--Con. | | | | | | | | | |
| 33542;35485 | Machine tools, metal-forming and parts..... | 100.1 | 97.8 | 125.0 | 99.2 | 124.0 | 101.5 | 88.8 | 71.7 | 71.0 |
| 35421 | Punching, shearing, bending and forming machine..... | 21.1 | 15.7 | 17.0 | 16.3 | 18.0 | 15.2 | 12.9 | 11.4 | 10.2 |
| 33422 | Presses, including forging presses..... | 22.5 | 26.1 | 33.6 | 29.7 | 43.5 | 27.9 | 21.1 | 18.0 | 18.9 |
| 335423;35485 | Metal-forming machine tools and other metal-working machinery, n.e.c..... | 31.4 | 33.1 | 1574.5 | 1553.2 | 1562.5 | 1558.5 | 1554.9 | 1542.2 | 1541.9 |
| 33424 | Parts for metal-forming machine tools..... | 25.2 | 22.9 | | | | | | | |
| 33544, 5 | Special dies, jigs, and fixtures and machine tool accessories and measuring devices..... | 77.4 | 67.5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35441 | Special dies and tools, die sets, jigs, and fixtures..... | 26.4 | 21.6 | 51.7 | 39.5 | 45.3 | 36.1 | 28.4 | n.a. | n.a. |
| 33453 | Attachments and accessories, n.e.c., for machine tools and metalworking machinery..... | 164.8 | 164.4 | | | | | | | |
| 33451 | Small cutting tools for metalworking machinery | 22.1 | 21.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 33442 | Metal foundry molding boxes and molds..... | 21.4 | 15.7 | 8.5 | 5.5 | 6.8 | 7.0 | 7.5 | 3.0 | 3.8 |
| 33452 | Precision measuring tools..... | 2.7 | 4.4 | | | | | | | |
| 3348 pt. | Metalworking machinery, n.e.c..... | 145.5 | 121.3 | 147.5 | 161.0 | 157.2 | 152.5 | 130.5 | 144.8 | 139.3 |
| 33481 | Rolling mill machinery..... | 74.6 | 55.1 | 1782.3 | 17101.0 | 17102.8 | 17104.9 | 1786.4 | 17104.4 | 17101.2 |
| 33482 | Power-driven handtools..... | 1652.4 | 1650.2 | 1933.8 | 1928.9 | 1925.7 | 1924.4 | 1920.3 | 1919.4 | 1917.5 |
| 33483 | Acetylene welding and cutting apparatus..... | 11.7 | 10.2 | 8.4 | 12.0 | 10.8 | 6.8 | 7.0 | 5.8 | 6.7 |
| 33484 | Automotive maintenance equipment..... | 206.8 | 205.8 | 2123.0 | 2119.2 | 2117.9 | 2116.4 | 2116.7 | 2115.2 | 2113.9 |
| 33551 | Food products machinery..... | 123.9 | 108.1 | 108.3 | 89.3 | 79.2 | 80.7 | 72.1 | 65.0 | 65.7 |
| 33511 | Dairy and milk products plant machinery..... | 6.3 | 6.4 | 229.0 | 229.4 | 228.9 | 229.1 | 227.7 | 228.3 | 229.0 |
| 33512 | Commercial food products machinery..... | 14.9 | 11.4 | 2312.0 | 2310.1 | 2310.4 | 2310.0 | 239.9 | 238.6 | 238.6 |
| 33513 | Other industrial food products machinery and parts..... | 102.8 | 90.3 | 2487.3 | 2469.7 | 2459.9 | 2461.6 | 2454.5 | 2448.1 | 2448.1 |
| 33552 | Textile machinery and parts..... | 139.6 | 126.7 | 140.3 | 110.6 | 132.0 | 138.8 | 113.8 | 74.5 | 65.2 |
| 33521 | Textile machinery..... | 77.4 | 70.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 33522 | Parts and attachments for textile machinery... | 62.2 | 56.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 33553 | Woodworking machinery and parts..... | 39.6 | 39.3 | 35.0 | 28.1 | 25.8 | 25.3 | 26.2 | 21.0 | 17.9 |
| 33554 | Paper industries machinery and parts..... | 62.2 | 66.7 | 64.4 | 74.2 | 83.3 | 67.1 | 62.5 | 48.8 | 49.8 |
| 33555 | Printing trades machinery and parts..... | 85.5 | 74.7 | 82.9 | 69.3 | 64.8 | 54.9 | 45.6 | 41.0 | 35.7 |
| 33551 | Printing presses..... | 25.7 | 21.4 | 28.5 | 20.7 | 21.4 | 15.1 | 10.5 | 11.6 | 9.3 |
| 33552 | Other printing trades machinery and parts..... | 59.8 | 53.3 | 54.4 | 48.6 | 43.4 | 39.8 | 35.1 | 29.3 | 26.4 |
| 33559 | Special industry machinery..... | 332.2 | 286.9 | 25238.4 | 25212.3 | 25196.9 | 25185.9 | 25166.3 | n.a. | n.a. |
| 33591 | Chemical manufacturing industries machinery... | 8.2 | 7.8 | 10.3 | 3.2 | 2.1 | 2.6 | 4.1 | 2.0 | 3.2 |
| 33592 | Foundry machines and equipment (except patterns and molds)..... | 21.5 | 18.0 | 24.7 | 19.2 | 14.6 | 9.7 | 10.4 | 8.0 | 11.9 |
| 33593 | Plastics-working machinery and equipment (except patterns and molds)..... | 28.9 | 27.8 | 26.6 | 22.2 | 22.6 | 20.0 | 20.4 | 15.6 | 14.3 |
| 33594 | Rubber-working machinery and equipment..... | 34.6 | 42.8 | 33.2 | 30.8 | 32.4 | 27.2 | 27.3 | 20.7 | 16.5 |
| 33595 | Other special industry machinery and equipment | 239.0 | 190.5 | 25143.5 | 25137.1 | 25125.2 | 25126.4 | 25104.2 | n.a. | n.a. |

Table II-8.--EXPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66--Con.

| Product code | Title | Exports for domestic merchandise (million dollars) | | | | | | | | | |
|--------------|---|--|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 | |
| | MACHINERY, EXCEPT ELECTRICAL--Con. | | | | | | | | | | |
| 3561 | Pumps and compressors..... | 285.8 | 242.6 | 179.9 | 167.3 | 157.0 | 137.6 | 142.2 | 125.2 | 146.2 | |
| 35613 | Domestic water systems and pumps..... | 1.7 | 1.4 | 0.9 | 0.7 | 0.6 | 0.6 | 0.7 | 0.9 | 1.1 | |
| 35614 | Air and gas compressors, except refrigeration | 60.5 | 56.5 | 43.0 | 40.3 | 41.7 | 34.2 | 46.6 | 37.6 | 49.8 | |
| 35611 | Industrial pumps, except hydraulic fluid power..... | 68.4 | 56.1 | } | } | } | } | } | } | } | |
| 35612 | Hydraulic fluid power pumps and motors..... | 27.7 | 18.2 | | | | | | | | |
| 35615 | Pumps and compressors, n.e.c., except refrigeration..... | 28.3 | 26.1 | | | | | | | | |
| 35616 | Parts and attachments for air and gas compressors..... | 99.3 | 84.4 | 64.6 | 58.6 | 56.8 | 49.7 | 47.7 | 40.6 | 41.9 | |
| 3562 pt. | Ball and roller bearings: | | | | | | | | | | |
| 35621 | Ball bearings, complete..... | 28.3 | 25.1 | } | } | } | } | } | } | } | |
| 35622 | Roller bearings, complete..... | 49.6 | 47.7 | | | | | | | | |
| 35624 | Parts for ball and roller bearings..... | 8.5 | 8.7 | | | | | | | | |
| 3564 | Blowers and fans..... | 22.3 | 19.3 | 17.5 | 15.4 | 14.0 | 13.6 | 16.1 | 9.9 | 11.7 | |
| 35641 | Industrial blowers and fans..... | 14.1 | 13.6 | 8.9 | 7.7 | 7.9 | 8.0 | 10.4 | 4.9 | 6.8 | |
| 35642 | Dust collection, air purification equipment.. | 8.2 | 5.7 | 8.6 | 7.7 | 6.1 | 5.6 | 5.7 | 5.0 | 4.9 | |
| 3566, 35623 | Mechanical power transmission equipment, except unmounted ball and roller bearings..... | 108.0 | 98.4 | 70.9 | 60.5 | 49.7 | 44.9 | 42.4 | 29.5 | 35.3 | |
| 35661 | Plain bearings..... | 14.9 | 12.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 35662 | Speed changers, industrial high-speed drives and gears..... | 16.7 | 16.7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 35663, 35623 | Other mechanical power transmission equipment | 76.4 | 69.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 3567 | Industrial furnaces, ovens, and parts..... | 29.7 | 24.3 | 2635.5 | 2632.1 | 2630.2 | 2627.4 | 2621.2 | n.a. | n.a. | |
| 35671 | Electric industrial furnaces and ovens, metal processing..... | 276.2 | 275.8 | } | } | } | } | } | } | } | |
| 35673 | Other industrial furnaces, ovens, and parts, n.e.c..... | 2814.7 | 2815.0 | | | | | | | | |
| 35672 | Industrial furnaces and ovens, fuel-fired, metal processing..... | 8.8 | 3.5 | | | | | | | | |
| 3569 | General industrial machinery, n.e.c..... | 84.5 | 75.9 | 3086.4 | 3072.7 | 3072.2 | 3066.7 | 3052.7 | 3051.2 | 3051.6 | |
| 3572 | Typewriters and parts..... | 33.8 | 30.8 | 27.2 | 24.1 | 29.6 | 23.2 | 18.1 | 16.4 | 14.7 | |
| 3576 | Scales and balances, except laboratory..... | 13.7 | 13.0 | 12.1 | 10.6 | 10.5 | 10.8 | 9.6 | 7.8 | 7.7 | |
| 3571 | Computing and related machines ³¹ | 453.6 | 377.1 | 368.6 | 301.6 | 270.6 | 261.9 | 169.7 | 112.7 | 102.6 | |
| 35711 | Electronic data-processing machines, except typewriter and parts..... | 202.9 | 145.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 35712 | Computing and accounting machines, and cash registers, except parts..... | 98.7 | 102.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 35713 | Parts and attachments for electronic data-processing machines..... | 92.4 | 77.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 35714 | Parts and attachments for computing and accounting machines and cash registers..... | 59.6 | 52.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |

Table II-8.--EXPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66--Con.

| Product code | Title | Exports for domestic merchandise (million dollars) | | | | | | | | |
|--------------|---|--|---------|---------|---------|---------|---------|---------|--------|--------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | MACHINERY, EXCEPT ELECTRICAL--Con. | | | | | | | | | |
| 3579 | Office machines, n.e.c..... | 92.3 | 79.5 | 42.4 | 37.9 | 30.7 | 28.0 | 23.1 | 18.3 | 18.2 |
| 35791 | Complete office machines, n.e.c..... | 30.3 | 26.9 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35792 | Parts and attachments for office machines, n.e.c..... | 62.0 | 52.7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3581 | Automatic merchandising machines..... | 15.9 | 13.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35811 | Automatic merchandising machines..... | 12.6 | 10.5 | 324.5 | 323.6 | 325.4 | 326.0 | 323.4 | 322.9 | 322.3 |
| 35812 | Coin-operated mechanisms and parts for automatic merchandising machines..... | 3.2 | 2.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3582 | Commercial laundry equipment and parts..... | 30.0 | 27.8 | 29.8 | 24.0 | 16.5 | 15.6 | 14.0 | 12.6 | 12.0 |
| 3585 | Refrigerators and refrigeration machinery, except household ³³ | 249.3 | 214.2 | 205.7 | 171.4 | 155.0 | 148.2 | 145.8 | 124.4 | 121.5 |
| 35851 | Heat transfer equipment..... | 120.2 | 104.5 | 92.6 | 73.1 | 63.9 | 57.9 | 52.7 | n.a. | n.a. |
| 35853 | Commercial refrigerators and related equipment..... | 17.3 | 16.3 | 3482.3 | 3469.2 | 3462.4 | 3460.7 | 3463.5 | 3455.6 | 3450.9 |
| 35857 | Other refrigerating and air conditioning equipment..... | 3574.4 | 3559.6 | | | | | | | |
| 35854 | Compressors and compressor units, all refrigerants..... | 21.8 | 18.6 | 30.8 | 29.2 | 28.8 | 29.5 | 29.5 | n.a. | n.a. |
| 35855 | Condensing units, all refrigerants..... | 15.6 | 15.2 | | | | | | | |
| 3586 | Measuring and dispensing pumps..... | 16.4 | 16.8 | 365.8 | 365.8 | 366.3 | 367.5 | 367.4 | 366.6 | 366.4 |
| 3589 | Service industry machines, n.e.c..... | 26.8 | 22.9 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 35891 | Commercial cooking and food-warming equipment | 7.7 | 6.5 | 5.8 | 4.9 | 4.3 | 4.5 | 4.4 | 3.7 | 4.3 |
| 35892,3 | Service industry machines and parts..... | 19.2 | 16.5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3599 | Miscellaneous machinery, except electrical..... | 12.5 | 10.0 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3500 | Miscellaneous machinery, n.e.c..... | X | X | 19.7 | 15.9 | 13.3 | 11.8 | 12.0 | 11.5 | 13.7 |
| | ELECTRICAL MACHINERY | | | | | | | | | |
| 36 | Electrical machinery, total..... | 1,821.5 | 1,569.2 | 1,511.4 | 1,366.4 | 1,280.1 | 1,147.7 | 1,033.8 | n.a. | n.a. |
| 3611 | Electrical measuring instruments..... | 137.6 | 115.9 | 79.0 | 65.9 | 60.4 | 58.2 | 45.8 | 37.0 | 30.4 |
| 36111 | Integrating instruments, electrical..... | 4.7 | 4.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36112 | Testing equipment..... | 72.3 | 63.7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36113 | Other electrical measuring instruments..... | 60.6 | 48.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3612 | Power distribution and specialty transformers... Specialty transformers and fluorescent ballasts, except parts..... | 34.2 | 36.8 | 33.6 | 28.4 | 28.2 | 23.6 | 21.0 | 23.6 | 25.0 |
| 36122 | Power and distribution transformers..... | 6.9 | 6.7 | 6.5 | 6.0 | 6.1 | 6.3 | 6.3 | 6.2 | 5.8 |
| 36123 | Power regulators, boosters, and transformer parts..... | 16.0 | 19.3 | 21.7 | 18.3 | 18.1 | 13.4 | 11.4 | 13.7 | 15.3 |
| | | 11.3 | 10.8 | 5.5 | 4.1 | 4.0 | 3.9 | 3.3 | 3.7 | 3.9 |
| 3613 | Switchgear and switchboard apparatus..... | 70.9 | 63.4 | 59.4 | 57.6 | 52.1 | 44.3 | 42.1 | 44.8 | 52.9 |

Table II-8.--EXPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66--Con.

| Product code | Title | Exports for domestic merchandise (million dollars) | | | | | | | | |
|--------------|--|--|-------|-------|------|------|------|------|------|------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | ELECTRICAL MACHINERY--Con. | | | | | | | | | |
| 3621 | Motors and generators and parts..... | 136.3 | 142.8 | 103.0 | 90.6 | 85.1 | 86.5 | 94.4 | 80.9 | 95.7 |
| 36211 | Fractional horsepower motors..... | 14.0 | 11.6 | 13.7 | 11.6 | 10.1 | 9.9 | 7.4 | 6.7 | 5.5 |
| 36212 | Integral horsepower motors and generators, except land transportation..... | 30.2 | 32.3 | 27.3 | 27.9 | 25.5 | 25.3 | 27.6 | 22.1 | 28.0 |
| 36213 | Land transportation motors, generators, and control equipment and parts..... | 25.3 | 30.1 | 12.8 | 10.4 | 11.5 | 12.1 | 13.3 | 18.8 | 20.7 |
| 36214 | Prime mover generator sets, except steam or hydraulic turbine..... | 43.1 | 49.5 | 37.9 | 37.2 | 37.0 | 37.0 | 37.2 | 37.1 | 37.1 |
| 36215 | Motor-generator sets and other rotating equipment..... | 1.8 | 2.1 | 3.0 | 5.7 | 4.4 | 7.1 | 5.1 | 3.1 | 8.9 |
| 36216 | Parts and supplies, except for land transportation equipment..... | 21.8 | 17.2 | 16.5 | 13.1 | 12.8 | 11.3 | 11.6 | 11.3 | 13.1 |
| 3622 | Industrial controls and parts..... | 40.2 | 39.2 | 30.8 | 38.1 | 28.3 | 27.9 | 20.2 | 19.9 | 18.8 |
| 3623 | Welding apparatus..... | 46.4 | 41.3 | 43.8 | 39.2 | 34.7 | 32.5 | 30.4 | 27.0 | 24.4 |
| 36231 | Arc welding machines and accessories, except electrodes..... | 25.3 | 23.0 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36232 | Arc welding electrodes, metal..... | 10.4 | 9.5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36233 | Resistance welders, components, n.e.c..... | 10.7 | 8.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3624 | Carbon and graphite products..... | 21.9 | 19.5 | 18.6 | 17.7 | 16.6 | 14.2 | 12.6 | 12.3 | 13.5 |
| 3629 | Electrical industrial goods, n.e.c.: | | | | | | | | | |
| 36291 | Capacitors for industrial use (except for electronic applications)..... | 2.6 | 2.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36292 | Rectifying apparatus..... | 11.0 | 7.3 | 4.9 | 5.0 | 6.0 | 6.3 | 5.2 | 4.5 | 5.5 |
| 3631 | Household cooking equipment..... | 19.4 | 21.1 | 21.0 | 18.4 | 19.0 | 21.0 | 21.9 | 26.0 | 24.7 |
| 36311 | Electric household cooking equipment..... | 7.2 | 6.6 | 6.4 | 5.1 | 5.0 | 5.4 | 5.7 | 6.9 | 6.8 |
| 36312 | Household cooking equipment and parts, except electric..... | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 |
| 3632 | Household refrigerators; home and farm freezers | 34.2 | 32.9 | 33.9 | 31.5 | 36.3 | 41.2 | 47.8 | 54.0 | 59.2 |
| 36321 | Household refrigerators..... | 29.5 | 26.8 | 28.1 | 26.4 | 31.1 | 35.2 | 39.5 | 43.6 | 48.1 |
| 36322 | Home and farm freezers..... | 4.7 | 6.2 | 5.9 | 5.1 | 5.2 | 6.0 | 8.3 | 10.4 | 11.1 |
| 3633 | Household laundry equipment..... | 28.0 | 23.0 | 25.0 | 20.9 | 21.0 | 21.5 | 22.7 | 22.9 | 19.7 |
| 36331 | Washing machines, dryers, and combinations..... | 17.1 | 13.9 | 14.8 | 12.0 | 13.3 | 14.5 | 15.7 | 16.3 | 13.2 |
| 36332 | Other laundry equipment and parts..... | 10.9 | 9.2 | 10.2 | 8.9 | 7.7 | 7.0 | 7.0 | 6.6 | 6.5 |
| 3634 | Electric housewares and fans..... | 34.7 | 29.2 | 27.9 | 25.0 | 24.3 | 25.2 | 24.0 | 24.2 | 24.6 |
| 36341 | Electric fans, except industrial..... | 1.6 | 1.9 | 2.0 | 1.7 | 2.4 | 2.5 | 3.1 | 4.2 | 4.9 |
| 36342 | Electric razors..... | 1.1 | 1.3 | | | | | | | |
| 36343 | Electric household appliances, n.e.c..... | 20.1 | 16.3 | 26.0 | 23.3 | 21.9 | 22.7 | 20.9 | 20.0 | 19.7 |
| 36344 | Parts and attachments for small household electric appliances..... | 11.9 | 9.7 | | | | | | | |
| 3635 | Household vacuum cleaners and parts..... | 11.0 | 9.4 | 6.6 | 5.2 | 4.6 | 4.7 | 4.9 | 5.8 | 4.9 |
| 3636 | Sewing machines and parts..... | 30.6 | 30.6 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 |

Table II-8.--EXPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66--Con.

| Product code | Title | Exports for domestic merchandise (million dollars) | | | | | | | | |
|--------------|--|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | ELECTRICAL MACHINERY--Con. | | | | | | | | | |
| 3639 | Household appliances, n.e.c..... | 16.4 | 14.1 | 4 ¹ 8.3 | 4 ¹ 7.6 | 4 ¹ 6.6 | 4 ¹ 6.8 | 4 ¹ 5.6 | 4 ¹ 4.9 | 4 ¹ 5.3 |
| 36391 | Household water heaters, electric ⁴² | 1.0 | 1.0 | 0.7 | 0.6 | 0.7 | 0.8 | 0.7 | 0.7 | 1.0 |
| 36392 | Household water heaters, except electric..... | 3.1 | 2.6 | 4 ³ 1.4 | 4 ³ 0.8 | 4 ³ 1.4 | 4 ³ 1.6 | 4 ³ 1.4 | 4 ³ 1.9 | 4 ³ 2.5 |
| 36393 | Other household appliances and parts..... | 4 ⁴ 12.3 | 4 ⁴ 10.5 | 4 ⁴ 6.5 | 4 ⁴ 6.3 | 4 ⁴ 5.4 | 4 ⁴ 5.4 | 4 ⁴ 5.5 | 4 ⁴ 5.3 | 4 ⁴ 5.8 |
| 3641 | Electric lamps (bulbs only)..... | 30.0 | 25.7 | 23.8 | 22.1 | 21.5 | 19.1 | 16.0 | 17.8 | 16.3 |
| 3642 | Lighting fixtures..... | 33.6 | 27.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36421,7 | Residential-type fixtures..... | 4 ⁶ 3.9 | 3.4 | } | } | } | } | } | } | } |
| 36422,3 | Commercial and industrial lighting fixtures.. | 6.3 | 5.5 | | | | | | | |
| 36425 | Outdoor lighting equipment..... | 3.0 | 2.4 | | | | | | | |
| 36426 | Other lighting equipment, parts and accessories..... | 10.7 | 8.6 | (⁴⁷) | (⁴⁷) | (⁴⁷) | (⁴⁷) | (⁴⁷) | (⁴⁷) | (⁴⁷) |
| 36424 | Vehicular lighting equipment, electric..... | 9.6 | 7.3 | | | | | | | |
| 3643,4 | Wiring devices..... | 101.3 | 80.5 | 48.7 | 41.0 | 41.0 | 34.3 | 33.5 | 31.8 | 34.3 |
| 3643 | Current-carrying wiring devices..... | 77.4 | 59.3 | 33.3 | 27.4 | 28.6 | 23.2 | 22.7 | 21.2 | 21.9 |
| 36441 | Pole-line and transmission hardware..... | 7.0 | 6.5 | } | } | } | } | } | } | } |
| 36442 | Electric conduit and conduit fittings..... | 15.9 | 13.6 | | | | | | | |
| 36443 | Other noncurrent-carrying wiring devices..... | 1.0 | 1.1 | | | | | | | |
| 3651 | Radio and television receiving sets..... | 93.7 | 82.9 | 4 ⁸ 86.7 | 4 ⁸ 70.4 | 4 ⁸ 69.2 | 4 ⁸ 67.4 | 4 ⁸ 54.5 | n.a. | n.a. |
| 36511 | Household and automobile radios and radio-phonograph combinations..... | 10.3 | 10.3 | 7.3 | 6.0 | 5.8 | 6.3 | 4.8 | 6.7 | n.a. |
| 36512 | Household television receivers..... | 26.3 | 21.3 | 23.3 | 17.7 | 18.1 | 16.8 | 14.7 | 17.6 | 20.2 |
| 36513 | Other audio equipment and accessories..... | 57.2 | 51.4 | 4 ⁸ 56.1 | 4 ⁸ 46.7 | 4 ⁸ 45.3 | 4 ⁸ 44.3 | 4 ⁸ 35.0 | n.a. | n.a. |
| 3652 | Phonograph records..... | 11.8 | 9.3 | 7.5 | 7.2 | 7.5 | 8.2 | 10.7 | 10.7 | 11.5 |
| 3661 | Telephone and telegraph apparatus..... | 37.1 | 36.4 | 38.8 | 31.3 | 35.7 | 25.7 | 29.9 | 33.5 | 43.9 |
| 36611 | Telephone switching and switchboard equipment | 0.6 | 1.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 36612 | Other telephone and telegraph apparatus..... | 36.5 | 35.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3662 | Radio and television communication goods..... | 335.2 | 291.4 | 330.7 | 337.0 | 305.5 | 225.3 | 178.9 | n.a. | n.a. |
| 36621,7 | Electronic communications equipment ⁴⁹ | 119.9 | 97.9 | 147.0 | 133.8 | 101.8 | 107.4 | 94.2 | 90.7 | 123.4 |
| 36622 | Broadcast systems and closed circuit systems | 78.5 | 50.6 | 30.4 | 29.2 | 20.9 | 23.5 | 20.8 | 18.5 | 12.8 |
| 36623 | Electric alarm and signal systems and intercommunication equipment..... | 21.7 | 15.7 | 5 ⁰ 13.3 | 5 ⁰ 12.3 | 5 ⁰ 13.4 | 5 ⁰ 17.4 | 5 ⁰ 13.2 | 5 ⁰ 13.3 | 5 ⁰ 10.2 |
| 36624,8 | Electronic navigational aids..... | 53.6 | 56.2 | 128.7 | 155.3 | 164.0 | 72.0 | 47.7 | 44.8 | 45.2 |
| 36625 | Electronic search and detection apparatus.... | 30.6 | 46.7 | 5 ¹ 11.3 | 5 ¹ 6.5 | 5 ¹ 5.5 | 5 ¹ 5.0 | 5 ¹ 2.9 | 5 ¹ 3.8 | 5 ¹ 3.5 |
| 36626 | Electronic equipment, n.e.c..... | 30.9 | 24.4 | | | | | | | |
| 3671 | Electron tubes, receiving type..... | 16.9 | 13.5 | 14.6 | 12.6 | 13.8 | 16.4 | 14.4 | 14.7 | 17.9 |
| 3672 | Cathode ray picture tubes..... | 15.2 | 9.8 | 11.2 | 10.1 | 16.2 | 21.3 | 21.3 | 13.8 | 14.7 |
| 3673 | Transmitting, industrial, and special purpose electron tubes (except X-ray)..... | 27.2 | 26.5 | 30.0 | 26.0 | 24.1 | 22.0 | 21.6 | 15.9 | 15.3 |
| 3674 | Solid state semiconductor devices..... | 130.5 | 82.3 | 5 ² 46.4 | 5 ² 34.7 | 5 ² 26.4 | 5 ² 20.8 | 5 ² 16.0 | 5 ² 9.1 | 5 ² 7.8 |
| 3679 | Electronic components and accessories, n.e.c.... | 144.1 | 110.9 | 152.5 | 127.7 | 111.3 | 92.2 | 73.6 | n.a. | n.a. |
| 36792 | Capacitors for electronic applications..... | 21.1 | 16.8 | 16.3 | 14.1 | 11.6 | 10.6 | 7.6 | 6.1 | 5.4 |
| 36793 | Resistors for electronic applications..... | 29.5 | 20.6 | 15.7 | 13.1 | 11.7 | 8.9 | 5.4 | 4.2 | 3.8 |

Table II-8.--EXPORTS--MACHINERY, EXCEPT ELECTRICAL, AND MACHINERY, ELECTRICAL, 1958-66--Con.

| Product code | Title | Exports for domestic merchandise (million dollars) | | | | | | | |
|--------------|--|--|------|--------|--------|---------|--------|--------|---------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1958 |
| | ELECTRICAL MACHINERY--Con. | | | | | | | | |
| 3679 | Electronic components and accessories, n.e.c.--con. | | | | | | | | |
| 36794 | Coils, transformers, reactors, and chokes.... | 12.2 | 9.0 | 5.1 | 4.3 | 5.4 | 6.3 | 4.1 | 4.9 |
| 36795 | Other electronic components..... | 81.2 | 64.4 | 115.3 | 96.2 | 82.6 | 66.5 | 56.6 | n.a. |
| 3691 | Storage batteries..... | 17.8 | 9.6 | 53.7 | 53.4.2 | 53.4.8 | 53.3.9 | 53.4.4 | 53.5.0 |
| 3692 | Primary batteries..... | 11.6 | 12.1 | 54.6.8 | 54.6.3 | 54.6.6 | 54.8.0 | 54.8.8 | 54.8.6 |
| 3693 | X-ray and therapeutic apparatus..... | 33.4 | 25.5 | 54.4.3 | 53.3.8 | 53.10.8 | 53.1.6 | 53.9.7 | 53.10.5 |
| 3694 | Engine electrical equipment..... | 79.1 | 66.0 | 80.0 | 73.8 | 70.4 | 60.8 | 57.4 | n.a. |
| 36941 | Ignition harness and cable sets..... | 7.0 | 5.3 | | | | | | |
| 36942 | Battery charging generators..... | | | | | | | | |
| 36945 | Other complete electrical equipment for internal combustion engines..... | 27.7 | 22.4 | 68.7 | 63.3 | 60.2 | 51.6 | 47.2 | n.a. |
| 36943 | Cranking motors..... | 7.4 | 5.2 | | | | | | |
| 36946 | Parts for engine electrical equipment..... | 21.7 | 19.9 | | | | | | |
| 36944 | Spark plugs..... | 15.3 | 13.1 | 11.4 | 10.5 | 10.2 | 9.2 | 10.2 | 8.9 |
| 36992,36293 | Electrical products, n.e.c..... | 27.7 | 30.5 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3600 | Miscellaneous electrical machinery, n.e.c..... | X | X | 60.3 | 44.7 | 42.2 | 43.8 | 32.9 | n.a. |

¹1966 data include pistons, rings, and valves for nonautomotive engines (part code 3599); 1965 data include all engine pistons, rings, and valves (part code 3599) plus other engine parts for automotive engines (part codes 3717,5,6).

²Excludes parts for tractor engines (in codes 35313 and 35222).

³Does not include parts and attachments; 1966 value was \$4.1 million and 1965 value was \$2.9 million.

⁴Does not include farm blowers.

⁵Parts for shovel-loaders (part of code 35313) included with code 35319.

⁶Includes parts for overhead traveling cranes and monorails (part of code 35362).

⁷Does not include well surveying equipment.

⁸Auto lifts included in code 35484.

⁹Includes winches, part of code 35319.

¹⁰Does not include parts.

¹¹Home workshop tools classified according to type of tool in codes 35411-8.

¹²Home workshop tools and used and rebuilt tools classified according to type of tool in codes 35411-8.

¹³Includes substantial value of accessories of code 35453.

¹⁴Parts only; rebuilt tools reported according to type of tool.

¹⁵Includes power-actuated tools (part of code 35482).

¹⁶A substantial part of this class is included with code 35419.

¹⁷Includes separate rolls for rolling mills; 1966 and 1965 values were \$3.2 million and \$4.4 million in code 33214, and \$5.6 million and \$5.1 million in code 33230.

¹⁸Does not include power-actuated handtools.

¹⁹Does not include power-actuated handtools, parts and attachments for nonelectric tools, or tools other than electric or pneumatic.

²⁰Very incomplete.

²¹Includes various items not classifiable in code 35484, such as electrical analyzers and other instruments (part of code 3611), tire pumps (part of code 3561), automobile jacks (part of code 34231), and automobile lifts (part of code 3534).

²²Includes parts for dairy products machinery.

²³Includes parts for bakery equipment.

²⁴Does not include parts for bakery equipment or dairy products machinery, or various items of packaging and wrapping machinery (in code 3569).

²⁵Includes code 35893, commercial and industrial vacuum cleaners.

Footnotes--Con.

- ²⁶Includes electric furnaces and ovens, nonmetal processing, and parts (part of code 35595; 1966 and 1965 values were \$3.3 million and \$3.2 million, respectively); and parts for nonelectric nonmetal-processing furnaces and ovens (part of code 35595; 1966 and 1965 values were \$11.0 million, and \$7.8 million, respectively).
- ²⁷Does not include electric industrial ovens (in code 35595).
- ²⁸Includes parts for electric furnaces for processing nonmetals (part of code 35595).
- ²⁹Does not include industrial ovens and some furnaces.
- ³⁰Includes fire extinguishers (code 39991; 1966 and 1965 values were \$6.1 million and \$5.5 million, respectively); also includes numerous items of food products packaging and wrapping machinery (part of code 3551).
- ³¹Exports do not include miscellaneous types of machines such as coin handling machines, voting booths, etc.
- ³²Refrigerated vending machines (part of code 35811) included with codes 35853, 7.
- ³³Percentages not calculated because of extensive duplication in output.
- ³⁴Refrigerated vending machines (part of code 35811) included with codes 35853, 7; also included are some ice cube making machines (part of code 35851).
- ³⁵1966 includes \$13.5 million and 1965 includes \$11.5 million in parts for household refrigerators, at least part of which probably belongs elsewhere.
- ³⁶Does not include pneumatic lubricating equipment (1966 and 1965 values were \$9.9 million and \$9.8 million, respectively).
- ³⁷Does not include sets other than diesel engine generator sets; values in 1966 and 1965 of other sets were \$8.4 million and \$10.9 million, respectively.
- ³⁸Includes parts for nonelectric heating stoves and ranges (part of code 34336).
- ³⁹Includes parts for nonelectric heating stoves and ranges (part of code 34336) and for nonelectric water heaters (part of code 3639).
- ⁴⁰Includes used and rebuilt; 1966 and 1965 values were \$1.6 million and \$1.9 million, respectively, are in code 9200.
- ⁴¹Includes household heaters and household electric dishwashers only.
- ⁴²Includes parts.
- ⁴³Parts included with code 36312.
- ⁴⁴Includes only dishwashing machines and parts and floor waxing and polishing machines.
- ⁴⁵Includes dishwashers only.
- ⁴⁶1966 data do not include glass lighting fixtures (1965 value \$0.7 million); included with code 32292.
- ⁴⁷Automotive lighting fixtures (part of code 36424) included with code 37176.
- ⁴⁸Includes substantial value of recording tape and wire (part of code 36795), along with other miscellaneous components and parts.
- ⁴⁹Exports include parts.
- ⁵⁰Includes alarms and railway signaling equipment only.
- ⁵¹Includes only amplifiers, n.e.c., and carrier current equipment, n.e.c.
- ⁵²Incomplete; not comparable to output.
- ⁵³Does not include parts; value for 1966 was \$8.3 million and for 1965 was \$4.1 million.
- ⁵⁴Does not include parts; value for 1966 was \$2.1 million and 1965 was \$2.6 million.
- ⁵⁵A considerable value of electromedical diagnostic equipment is included in code 3841 for 1964 and earlier years (value in 1965, \$5-\$10 million).

Appendix 1.—Industry Definitions

| SIC Code | Industry title and description (S=Specialization ratio; C=Coverage ratio) | |
|----------|--|------|
| 35 | MACHINERY, EXCEPT ELECTRICAL | |
| | This major group includes establishments engaged in manufacturing machinery and equipment, other than electrical equipment (Major Group 36) and transportation equipment (Major Group 37). Machines powered by built-in or detachable motors ordinarily are included in this major group, with the exception of electrical household appliances (Major Group 36). Portable tools, both electric and pneumatic powered, are included in this major group, but hand tools are classified in Major Group 34. | |
| 351 | ENGINES AND TURBINES: | |
| 3511 | Steam Engines; Steam, Gas, and Hydraulic Turbines; and Steam, Gas, and Hydraulic Turbine Generator Set Units (S-85; C-82).—Establishments primarily engaged in manufacturing steam engines; steam turbines; hydraulic turbines; gas turbines except aircraft; and complete steam, gas and hydraulic turbine generator sets units. Establishments primarily engaged in building or rebuilding locomotives are classified in industry 3741; and those manufacturing nonautomotive type generators which are not a part of a turbine generator set in industry 3621. | 3533 |
| 3519 | Internal Combustion Engines, N.E.C. (S-86; C-86).—Establishments primarily engaged in manufacturing diesel, semi-diesel, or other internal combustion engines, n.e.c., for stationary, marine, traction, and other uses. Establishments primarily engaged in manufacturing aircraft engines, including rocket engines, are classified in industry 3722; automotive engines (except diesel) in SIC industry 3714 (Census industry 3717), and engine generator sets in industry 3621. | 3534 |
| 352 | FARM MACHINERY AND EQUIPMENT | |
| 3522 | Farm Machinery and Equipment (S-89; C-95).—Establishments primarily engaged in manufacturing farm machinery, including equipment and wheel tractors, for use in the preparation and maintenance of the soil; planting and harvesting of the crop; preparing, on the farm, crops for market; or for use in performing other farm operations and processes. This industry includes wheel tractors, except contractors' off-highway type which are classified in industry 3531. Establishments primarily engaged in manufacturing industrial trucks, tractors, and trailers used for handling materials in industrial plants, depots, and docks are classified in industry 3537; and farm hand tools in Industry Group 342. | 3535 |
| 353 | CONSTRUCTION, MINING, AND MATERIALS HANDLING MACHINERY AND EQUIPMENT: | |
| 3531 | Construction Machinery and Equipment (S-91; C-89).—Establishments primarily engaged in manufacturing heavy machinery and equipment used by the construction industries, such as bulldozers; concrete mixers; cranes, except industrial plant; dredging machinery; pavers, and power shovels. Establishments primarily engaged in manufacturing mining equipment are classified in industry 3532, and well drilling machinery in industry 3533. | 3536 |
| 3532 | Mining Machinery and Equipment, Except Oil Field Machinery and Equipment (S-75; C-82).—Establishments primarily engaged in manufacturing heavy machinery and equipment used by the mining industries, such as coal breakers, mine cars, mineral cleaning machinery, concentration machinery, core | 3537 |
| | drills, coal cutters, portable rock drills, and rock crushing machinery. Establishments primarily engaged in manufacturing construction machinery are classified in industry 3531, well drilling machinery in industry 3533, and coal and ore conveyors in industry 3535. | |
| | Oil Field Machinery and Equipment (S-90; C-91).—Establishments primarily engaged in manufacturing machinery and equipment for use in oil and gas fields, or for drilling water wells. | |
| | Elevators and Moving Stairways (S-97; C-95).—Establishments primarily engaged in manufacturing passenger or freight elevators, automobile lifts, dumb waiters, and moving stairways. Establishments primarily engaged in manufacturing commercial conveyor systems and equipment are classified in industry 3535, and farm elevators in industry 3522. | |
| | Conveyors and Conveying Equipment (S-82; C-83).—Establishments primarily engaged in manufacturing conveyors and conveying equipment for installation in factories, warehouses, mines, and other industrial and commercial establishments. Establishments primarily engaged in manufacturing passenger or freight elevators, dumb waiters, and moving stairways are classified in industry 3534; and overhead traveling cranes and monorail systems in industry 3536. | |
| | Hoists, Industrial Cranes, and Monorail Systems (S-80; C-70).—Establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems for installation in factories, warehouses, and other industrial and commercial establishments. | |
| | Industrial Trucks, Tractors, Trailers, and Stackers (S-90; C-81).—Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, stackers (truck type), and related equipment, used for handling materials on floors and paved surfaces in and around industrial and commercial plants, depots, docks, and terminals. Establishments primarily engaged in manufacturing motor vehicles and motor vehicle type trailers are classified in Industry Group 371; farm type wheel tractors in industry 3522; wheel tractor shovel loaders, tracklaying tractors in industry 3531; and wood pallets and skids in industry 2499. | |
| | METALWORKING MACHINERY AND EQUIPMENT: | |
| | Machine Tools, Metal Cutting Types (S-81; C-88).—Establishments primarily engaged in manufacturing power-driven machines, not supported in the hands of an operator when in use, that shape metal by cutting or use of electrical equipment; the rebuilding of such machine tools, and the manufacture of replacement parts for them. Metalworking, or primarily metalworking, machine tools designed primarily for home workshops are also included. Establishments primarily engaged in the manufacture of electric welding equipment are classified in industry 3623; and portable powerdriven hand tools, gas welding and cutting equipment, and automotive maintenance equipment in industry 3548. | |
| | Machine Tools, Metal Forming Types (S-86; C-79).—Establishments primarily engaged in manufacturing power-driven machines, not supported in the hands of an operator while in use, for pressing, forging, hammering, extruding, shearing, bending or die casting metal into shape. This industry also includes rebuilding such machine tools and manufacturing repair | |

- parts for them. Establishments primarily engaged in the manufacture of electric welding equipment are classified in industry 3623; portable power-driven hand tools, gas welding and cutting equipment, and automotive maintenance equipment in industry 3548.
- 3544 Special Dies and Tools, Die Sets, Jigs, and Fixtures (S-93; C-72).—Establishments primarily engaged in manufacturing, on a job or order basis, special tools and fixtures for use with machine tools, hammers, die casting machines, and presses. The products of establishments classified in this industry include a wide variety of special toolings, such as dies; punches; die sets and components, and subpresses; jigs and fixtures; and special checking devices. Establishments primarily engaged in manufacturing metal molds for casting metals, for rubber working, plastic working, glass working and similar machinery are also included.
- This industry comprises establishments commonly known as contract tool and die shops; also included are captive tool and die shops of metal-products producers, where such shops were separately operated and separate reports were filed. However, the total value of shipments excludes the captive production of tool and die departments making these products for the exclusive use of the producing establishment.
- 3545 Machine Tool Accessories and Measuring Devices (S-83; C-84).—Establishments primarily engaged in manufacturing cutting tools, machinists' precision measuring tools, and attachments and accessories for machine tools and for other metalworking machinery, n.e.c. Establishments primarily engaged in manufacturing hand tools, except power-driven, are classified in Industry Group 342.
- 3548 Metalworking Machinery, Except Machine Tools and Power-Driven Hand Tools (S-85; C-88).—Establishments primarily engaged in manufacturing metalworking machinery such as rolling mill machinery and equipment, power-driven hand tools, welding equipment, wire fabricating machinery and equipment, except wire drawing dies, and automotive maintenance machinery and equipment. Establishments primarily engaged in manufacturing machine tools, metal cutting types, are classified in industry 3541, and those primarily engaged in manufacturing machine tools, metal forming types, in industry 3542.
- 355 SPECIAL INDUSTRY MACHINERY, EXCEPT METALWORKING MACHINERY:—These industries include establishments primarily engaged in producing industrial machinery, except metalworking machinery, specially designed for use in a specific industry or in a group of industries. Machinery having general industrial application, i.e., used in a number of industries, rather than in specific applications are not included in this group but are included in Industry Group 356. Examples of general industrial machinery are pumps and compressors, fans and blowers, and mechanical power transmission equipment.
- 3551 Food Products Machinery (S-86; C-87).—Establishments primarily engaged in manufacturing machinery for use by the food products and beverage manufacturing industries in the preparation, canning, or packaging of food products and parts and attachments. Establishments primarily engaged in manufacturing refrigeration machinery are classified in industry 3585; household electrical appliances such as mixers, cookers, etc., are classified in industry 3634.
- 3552 Textile Machinery (S-93; C-94).—Establishments primarily engaged in manufacturing machinery for the textile industries, and extra parts, attachments, and accessories. Establishments primarily engaged in manufacturing domestic or industrial sewing machines are classified in industry 3636.
- 3553 Woodworking Machinery (S-80; C-83).—Establishments primarily engaged in manufacturing machinery for sawmills, planing mills, cabinet and furniture makers, pattern makers, and veneer workers.
- Establishments primarily engaged in manufacturing hand tools such as planes, axes, drawknives, and hand saws are classified in Industry Group 342, and portable power-driven hand tools in industry 3548.
- 3554 Paper Industries Machinery (S-88; C-90).—Establishments primarily engaged in manufacturing machinery for the paper-pulp, paper, and paper product industries. Establishments primarily engaged in rebuilding pulp and paper industries machinery are also included in this industry. Establishments primarily engaged in manufacturing printing trades machinery are classified in industry 3555.
- 3555 Printing Trades Machinery (S-95; C-93).—Establishments primarily engaged in manufacturing machinery and equipment used by the printing and bookbinding trades. Important products of this industry include bookbinding and photoengraving machinery; printers' machinery such as presses, typesetting, typefounding, electrotyping, and stereotyping machines; engravers; equipment (metal plates, wood blocks, and lithographic stones); printers' rollers, rules, sticks, blocks, and type cases; and type, leads, and slugs. Establishments primarily engaged in manufacturing textile printing machinery are classified in industry 3552.
- 3559 Special Industry Machinery, N.E.C. (S-83; C-73).—Establishments primarily engaged in manufacturing special industry machinery, n.e.c., such as smelting and refining equipment, cement making, clay working, glass making, hat making, incandescent lamp making, leather working, paint making, rubber working, tobacco working, cigar and cigarette making, shoe making, and stone working machinery.
- 356 GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT:
- 3561 Pumps, Air and Gas Compressors, and Pumping Equipment (S-85; C-86).—Establishments primarily engaged in manufacturing pumps, compressors, and pumping equipment for general industrial use. Establishments primarily engaged in manufacturing measuring and dispensing pumps for gasoline service station use are classified in industry 3586; and ice making, refrigerating, and air conditioning units in industry 3585.
- 3562 Ball and Roller Bearings (S-97; C-98).—Establishments primarily engaged in manufacturing ball and roller bearings and parts. Establishments primarily engaged in manufacturing bearings, except ball and roller, are classified in industry 3566.
- 3564 Blowers, Exhaust and Ventilating Fans (S-83; C-79).—Establishments primarily engaged in manufacturing blowers, and exhaust and ventilating fans for general industrial, commercial, and household use. Establishments primarily engaged in manufacturing complete air conditioning units are classified in industry 3585, and free air circulating fans for use on desks, pedestals, or wall brackets in industry 3634.
- 3565 Industrial Patterns (S-96; C-80).—Establishments primarily engaged in manufacturing industrial patterns.
- 3566 Mechanical Power Transmission Equipment, Except Ball and Roller Bearings (S-84; C-79).—Establishments primarily engaged in manufacturing mechanical power transmission equipment for industrial machinery. Establishments primarily engaged in manufacturing automotive, tank, and tractor power transmission equipment are classified in SIC industry 3714 (Census industry 3717); aircraft power

- transmission equipment in industry 3729; and ball and roller bearings in industry 3562.
- 3567 Industrial Process Furnaces and Ovens (S-82; C-86).—Establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and die electric heating equipment, and related devices.
- 3569 General Industrial Machinery and Equipment, N.E.C. (S-83; C-70).—Establishments primarily engaged in manufacturing machinery, equipment, and components for general industrial use, and for which no special classification is provided. Machine shops primarily engaged in producing machine and equipment parts, usually on a job or order basis, are classified in industry 3599.
- Industry 3569 covers a wide range of products such as filters and strainers for internal combustion engines (except automobile engines), hydraulic jacks, packaging and wrapping machines (except food and tobacco), centrifugals and separators (except cream), gas generating equipment, brake burnishing and washing machines, ice crusher machinery, fire hose (except rubber), fire hose dryers and racks, automatic sprinkler systems, general industrial labeling machines, and magnetic separation equipment.
- 357 OFFICE, COMPUTING, AND ACCOUNTING MACHINES:
- 3571 Computing and Accounting Machines, Including Cash Registers (S-93; C-94).—Establishments primarily engaged in manufacturing computing machines including electronic, accounting machines, and cash registers. Establishments primarily engaged in manufacturing typewriters are classified in industry 3572, and office duplicating machines and devices and autographic registers in industry 3579.
- 3572 Typewriters (S-85; C-99).—Establishments primarily engaged in manufacturing typewriters and parts.
- 3576 Scales and Balances, Except Laboratory (S-92; C-97).—Establishments primarily engaged in manufacturing weighing and force measuring machines and devices of all types, except those regarded as scientific apparatus for laboratory and experimental work which are classified in industry 3811.
- 3579 Office Machines, N.E.C. (S-81; C-79).—Establishments primarily engaged in manufacturing office machines and devices, n.e.c. Establishments primarily engaged in manufacturing computing machines and cash registers are classified in industry 3571, typewriters in industry 3572, and photocopy and microfilm equipment in industry 3861.
- 358 SERVICE INDUSTRY MACHINES:
- 3581 Automatic Merchandising Machines (S-81; C-90).—Establishments primarily engaged in manufacturing automatic merchandising units, also referred to as vending machines (excluding music, amusement, or gaming machines) and coin-operated mechanisms for such machines. Coin-operated amusement and gaming machines are classified in industry 3999 and coin-operated phonographs in industry 3651.
- 3582 Commercial Laundry, Dry Cleaning, and Pressing Machines (S-91; C-89).—Establishments primarily engaged in manufacturing laundry and dry-cleaning equipment and pressing machines for commercial and industrial use. Establishments primarily engaged in manufacturing household laundry equipment are classified in industry 3633. Although the SIC classifies coin-operated household washing machines in industry 3582 data for these machines are included in the 1963 Census of Manufactures, as in 1958, in industry 3633.
- 3585 Refrigerators and Refrigeration Machinery, Except Household; and Complete Air-Conditioning units (S¹⁴; C¹⁴).—Establishments primarily engaged in manufacturing equipment and systems utilizing the basic refrigeration cycle, including mechanical and absorption refrigerators for commercial and industrial use; refrigeration machinery, and complete air-conditioning units for domestic, commercial, and industrial use. Establishments primarily engaged in manufacturing soda fountain and beer-dispensing equipment are classified in this industry, and those primarily engaged in manufacturing household refrigerators and home and farm freezers in industry 3632.
- 3586 Measuring and Dispensing Pumps (S-73; C-85).—Establishments primarily engaged in manufacturing, measuring and dispensing pumps commonly used in service and filling stations for dispensing gasoline, oil, and grease, including grease guns. Establishments primarily engaged in manufacturing pumps, compressors and pumping equipment for general use are classified in industry 3561.
- 3589 Service Industry Machines, N.E.C. (S-86; C-84).—Establishments primarily engaged in manufacturing machines and equipment, not elsewhere classified, for use in service industries, such as floor sanding machines, industrial vacuum cleaners, scrubbing machines, commercial cooking and food warming equipment, and commercial dishwashing machines. Establishments primarily engaged in manufacturing household electric appliances are classified in Industry Group 363.
- 359 MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL:
- 3599 Miscellaneous Machinery, Except Electrical (S-90; C-90).—Establishments primarily engaged in manufacturing machinery and parts except electrical, not elsewhere classified, such as pistons and piston rings, carburetors, metallic packing, and amusement park equipment. This industry also includes establishments primarily engaged in producing or repairing machine and equipment parts, n.e.c. on a job or order basis for others. These establishments usually operate on a job, or order basis and are equipped with machine tools and other power-driven metal-working machinery capable of manufacturing a wide range of machine and equipment parts. Machine shops classified in this industry are characterized by their method of operation rather than their product, and the fact that they may be primarily engaged in repair work does not exclude them from this classification; however, machine shops engaged exclusively in repair work are classified in repair industries.
- Although generally characterized by method of operation rather than type of product, establishments primarily engaged in manufacturing the following products are classified in industry 3599: metal bellows, bushings machined from purchased castings, carburetors, catapults, boiler-tube cleaners, valve cores, hydraulic cylinders, iron flasks, flexible metal hose and tubing, metallic packing (except asbestos-metallic), pistons and piston rings, and intake and exhaust valves for internal combustion engines.

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ELECTRICAL MACHINERY

This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. The manufacture of household appliances is included in this group, but industrial machinery and equipment powered by built-in or detachable electric motors is classified in Major Group 35.

- 361 ELECTRIC TRANSMISSION AND DISTRIBUTION EQUIPMENT:
- 3611 Electrical Measuring Instruments and Test Equipment (S-84; C-78).—Establishments primarily engaged in manufacturing pocket, portable, panelboard and graphic recording instruments for measuring electricity, such as voltmeters, ammeters, wattmeters, watt-hour meters, demand meters and other meters and indicating instruments. This industry also includes establishments primarily engaged in manufacturing analyzers for testing the electrical characteristics of internal combustion engines, radio apparatus, etc.
- 3612 Power, Distribution, and Specialty Transformers (S-92; C-94).—Establishments primarily engaged in manufacturing power, distribution and specialty transformers. Establishments primarily engaged in manufacturing radio frequency or voice frequency transformers, coils or chokes are classified in industry 3679, and resistor welding transformers in industry 3623.
- 3613 Switchgear and Switchboard Apparatus (S-87; C-89).—Establishments primarily engaged in manufacturing switchgear and switchboard apparatus. Important products of this industry include power switches, circuit breakers, power switching equipment, and similar switchgear for general industrial application; switchboards and cubicles, control and metering panels, power fuse mountings, and similar switchboard apparatus and supplies. Establishments primarily engaged in manufacturing industrial controls are classified in industry 3622, and those manufacturing current carrying wiring devices in industry 3643.
- 362 ELECTRICAL INDUSTRIAL APPARATUS:
- 3621 Motors and Generators (S-81; C-84).—Establishments primarily engaged in manufacturing electric motors (except starting motors) and power generators; motor generator sets; railway motors and control equipment; and motors, generators and control equipment for gasoline electric and oil electric busses and trucks. Establishments primarily engaged in manufacturing turbogenerators are classified in industry 3511 and starting motors and battery charging generators for internal combustion engines in industry 3694.
- 3622 Industrial Controls (S-79; C-79).—Establishments primarily engaged in manufacturing motor starters and controllers, control accessories, electronic controls, and other industrial controls. Establishments primarily engaged in manufacturing automatic temperature controls are classified in industry 3822.
- 3623 Welding Apparatus (S-93; C-89).—Establishments primarily engaged in the manufacture of welding apparatus and accessories. Important products of this industry include arc welding machines, spot, projection, seam, flash and other resistance welders, welding electrodes, electrode holders and other welding machine accessories. Establishments primarily engaged in coating welding wire from purchased wire or wire drawn in the same establishment are also included. Establishments primarily engaged in manufacturing gas welding apparatus are classified in industry 3548.
- 3624 Carbon and Graphite Products (S-93; C-96).—Establishments primarily engaged in the manufacture of carbon and graphite products for use in the electrical industries. This industry comprises establishments primarily engaged in manufacturing lighting carbons; carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; and other carbon, graphite, and metal-graphite products for use in the electrical industries.
- 3629 Electrical Industrial Apparatus, N.E.C. (S-80; C-72).—Establishments primarily engaged in manufacturing industrial and commercial electric apparatus and equipment, n.e.c., such as blasting machines, and fixed and variable capacitors, condensers and rectifiers for industrial application.
- Establishments primarily engaged in manufacturing fixed and variable capacitors and condensers for electronic end products are classified in industry 3679, and rectifiers for electronic end products in industry 3674.
- 363 HOUSEHOLD APPLIANCES:
- 3631 Household Cooking Equipment (S-87; C-72).—Establishments primarily engaged in manufacturing household cooking equipment, such as stoves, ranges, and ovens. Establishments primarily engaged in manufacturing household cooking appliances, such as hot plates, grills, percolators, and toasters are classified in industry 3634. Establishments primarily engaged in manufacturing commercial cooking equipment are classified in industry 3589.
- 3632 Household Refrigerators and Home and Farm Freezers (S-66; C-99).—Establishments primarily engaged in manufacturing household refrigerators and home and farm freezers. Establishments primarily engaged in manufacturing commercial and industrial refrigeration equipment, packaged room coolers, and dehumidifiers are classified in industry 3585.
- 3633 Household Laundry Equipment (S-89; C-87).—Establishments primarily engaged in manufacturing laundry equipment such as washing machines, wringers, dryers, and ironers for household use. Establishments primarily engaged in manufacturing commercial laundry equipment are classified in industry 3582.
- 3634 Electric Housewares and Fans (S-87; C-81).—Establishments primarily engaged in manufacturing electric housewares for heating, cooking, and other purposes; and electric fans. Important products of this industry include electric air heaters, bed coverings, blenders, broilers, deep fat fryers, flat irons, food mixers, hot plates, percolators and coffee makers, roasters, toasters, desk and bracket fans, and has-sock or floor fans.
- 3635 Vacuum Cleaners, Household (S-87; C-80).—Establishments primarily engaged in manufacturing vacuum cleaners for household use. Establishments primarily engaged in manufacturing vacuum cleaners for industrial use are classified in industry 3589.
- 3636 Sewing Machines (S-90-95; C-96).—Establishments primarily engaged in manufacturing sewing machines for domestic and industrial use.
- 3639 Household Appliances, N.E.C. (S-79; C-79).—Establishments primarily engaged in manufacturing household appliances, n.e.c., such as hot water heaters, dishwashers, and food waste disposal units.
- 364 ELECTRIC LIGHTING AND WIRING EQUIPMENT:
- 3641 Electric Lamps (S-95; C-96).—Establishments primarily engaged in manufacturing electric bulbs, tubes and related light sources. Important products of this industry include incandescent filament lamps, vapor and fluorescent lamps, photoflash and photoflood lamps, electrotherapeutic lamps, units for ultra violet and infrared radiation and other electric light sources. Establishments primarily engaged in manufacturing glass blanks for bulbs are classified in industry 3229; and lamp components, such as filaments, supports, lead-in wires and cold cathode fluorescent lamp electrodes in industry 3699.

- 3642 Lighting Fixtures (S-93; C-93).—Establishments primarily engaged in manufacturing lighting fixtures and equipment of any type, including electric and gas lighting fixtures; carbide, Kerosene and gasoline lamps; and metal reflectors and fittings. Establishments primarily engaged in producing glassware for lighting fixtures are classified in Major Group 32; electric light bulbs, tubes and related light sources in industry 3641.
- 3643 Current Carrying Wiring Devices (S-80; C-83).—Establishments primarily engaged in manufacturing current carrying wiring devices. Important products of this industry include attachment plugs and caps, convenience outlets, lamp sockets and receptacles, snap switches, conductor connectors, overhead trolley line material, rail bonds for both propulsion and signal circuits, lightning arrestors, and other lightning protective equipment.
- 3644 Noncurrent Carrying Wiring Devices (S-77; C-80).—Establishments primarily engaged in manufacturing noncurrent carrying wiring devices. Important products of this industry include conduits and fittings, electrical insulators and insulation materials, except porcelain insulators (industry 3264) and glass insulators (industry 3229); outlet, switch and fuse boxes; and pole-line hardware.
- 365 RADIO AND TELEVISION RECEIVING SETS, EXCEPT COMMUNICATION TYPES:
- 3651 Radio and Television Receiving Sets, Except Communication Types (S-91; C-96).—Establishments primarily engaged in manufacturing equipment for home entertainment. This industry also includes establishments primarily engaged in manufacturing public address systems, and music distribution apparatus, except records. Establishments primarily engaged in manufacturing records are classified in industry 3652; radio and television receiving type tubes in industry 3671; and television receiving type cathode ray tubes in industry 3672.
- 3652 Phonograph Records (S-99; C-97).—Establishments primarily engaged in manufacturing phonograph records and prerecorded magnetic tapes. Establishments primarily engaged in manufacturing electronic equipment for home entertainment, except records, are classified in industry 3651.
- 366 COMMUNICATION EQUIPMENT:
- 3661 Telephone and Telegraph Apparatus (S-95; C-95)¹.—Establishments primarily engaged in manufacturing wire telephone and telegraph equipment and parts especially designed for telephone and telegraph use.
- 3662 Radio and Television Transmitting, Signaling, and Detection Equipment and Apparatus (S-88; C-91).—Establishments primarily engaged in manufacturing (1) radio and television broadcasting equipment; (2) electric communication equipment and parts, except telephone and telegraph; (3) electronic field detection apparatus, light and heat emission operation apparatus, object detection apparatus and navigational electronic equipment, and aircraft and missile control systems; and (4) other electric and electronic communication and signaling products, n.e.c. Establishments primarily engaged in manufacturing transmitting tubes are classified in industry 3673.
- 367 ELECTRONIC COMPONENTS AND ACCESSORIES:
- 3671 Radio and Television Receiving Type Electron Tubes, Except Cathode Ray (S-89; C-95).—Establishments primarily engaged in manufacturing radio and television receiving type electron tubes, except cathode ray tubes. Establishments primarily engaged in manufacturing television receiving type cathode ray tubes are classified in industry 3672; transmitting tubes in industry 3673; X-ray tubes in industry 3693; and electronic equipment for home entertainment, except tubes, in industry 3651.
- 3672 Cathode Ray Picture Tubes (S-85-90; C-90).—Establishments primarily engaged in manufacturing television receiving type cathode ray tubes. Establishments primarily engaged in manufacturing other radio and television receiving type electron tubes are classified in industry 3671; and transmitting tubes in industry 3673.
- 3673 Transmitting, Industrial, and Special Purpose Electron Tubes (S-80; C-75).—Establishments primarily engaged in manufacturing transmitting, industrial, and special purpose electron tubes. Establishments primarily engaged in manufacturing radio and television transmitting equipment are classified in industry 3662; radio and television receiving tubes in industry 3671; television receiving type cathode ray tubes in industry 3572; and X-ray tubes in industry 3693.
- 3674 Semiconductor (Solid State) and Related Devices (S-88; C-92).—Establishments primarily engaged in manufacturing semiconductor (solid state) and related devices, such as semiconductor diodes and stacks, including rectifiers; transistors; solar cells; and light sensitive semiconductor (solid state) devices.
- This industry was not included in the Standard Industrial Classification in 1958. In the latter year it was part of industry 3679.
- 3679 Electronic Components and Accessories, N.E.C. (S-89; C-78).—Establishments primarily engaged in manufacturing specialty resistors for electronic end products; inductors; electronic transformers and capacitors; and other electronic components, n.e.c. Establishments primarily engaged in manufacturing resistors, inductors, and transformers for telephone and telegraph apparatus are classified in industry 3661; electric lamps in industry 3641; and semiconductor (solid state) and related devices in industry 3674.
- This industry in 1963 differs from the classification in 1958. Industry 3674, a separate industry in 1963, was formerly part of 3679.
- 369 MISCELLANEOUS ELECTRICAL MACHINERY EQUIPMENT AND SUPPLIES:
- 3691 Storage Batteries (S-98; C-99).—Establishments primarily engaged in the manufacture of storage batteries for automobiles, trucks, farm tractors and buses as well as storage batteries for farm uses, communications systems and railroad equipment. Parts for storage batteries are also included in this industry.
- 3692 Primary Batteries, Dry and Wet (S-96; C-91).—Establishments primarily engaged in the manufacture of dry and wet cell primary batteries for flashlights, railroad lanterns, hearing aids, portable radios, farm radios, and general purposes as well as parts and supplies for primary batteries.
- 3693 Radiographic X-ray Fluoroscopic X-ray and Other X-ray Apparatus and Tubes (S-83; C-80).—Establishments primarily engaged in manufacturing radiographic X-ray, fluoroscopic X-ray, and therapeutic X-ray apparatus and tubes for medical, industrial, research and control applications. Establishments primarily engaged in manufacturing radio receiving type tubes are classified in industry 3671; television

receiving cathode ray tubes in industry 3672; transmitting tubes in industry 3673; and electrotherapeutic lamp units for ultra-violet and infra-red radiation in industry 3641.

include starting motors and generators for automobiles and aircraft; and ignition apparatus for internal combustion engines; including spark plugs, magnetos, coils, and distributors.

3694 Electrical Equipment for Internal Combustion Engines (S-93; C-81).—Establishments primarily engaged in manufacturing electrical equipment for internal combustion engines. Important products of this industry

3699 Electrical Machinery, Equipment, and Supplies, N.E.C. (S-90; C-49²⁶).—Establishments primarily engaged in manufacturing electrical machinery, equipment and supplies, n.e.c.

Appendix 2.—Explanatory Notes

CLASSIFICATION

The SIC

Data in this volume are classified within the framework of the Bureau of the Budget *Standard Industrial Classification* (SIC) of 1957. The purpose of the SIC is to provide a means for classifying establishments according to their primary activities, for the purpose of collection, tabulation, presentation and analyses of data relating to establishments.

The SIC identifies four-digit manufacturing industry codes in the following manner:

1. The first two digits identify the general type of activity,
e.g., The code 35 refers to the manufacture of "machinery, except electrical"
2. The third digit identifies a subgroup within the general type of activity,
e.g., 354 represents "Metalworking Machinery and Equipment"
3. The fourth digit identifies a specific industry within each subgroup,
e.g., 3541 "Machine Tools, Metal-Cutting Types"
3542 "Machine Tools, Metal Forming Types"

In the *Annual Survey and Census of Manufactures*, each manufacturing establishment is assigned a four-digit code which reflects the primary activity of that establishment. Data collected in these surveys can then be tabulated at the 2-, 3-, or 4-digit levels of the SIC depending on the type of information to be shown. In this publication, table 1 of Section I and tables 1 and 2 of Section II show data at the two-digit level. Tables 2-5 of Section I and 3, 4, and 5 in Section II present data at the four-digit level of the SIC. In all these cases, the data shown represent totals for establishments classified with the same SIC code (i.e., the same first two digits or the same four digits).

Product Classes

To provide more detailed information on product shipments, the Census Bureau has added a fifth digit to the four-digit SIC code described above. Continuing the above example, within the four-digit industry classification "Machine Tools, Metal Cutting Types" (SIC 3541) the Census Bureau has developed a series of product classes such as:

35411 "Boring Machines"
35412 "Drilling Machines"
35413 "Gear Cutting and Finishing Machines"

The data in tables 6 and 7 of Section I and tables 6-8 of Section II are reported, with some modifications, on the basis of the five-digit product class codes. It is essential to note that the product class codes differ from the SIC, in that their purpose is not to classify establishments but rather to classify groups of products. The codes assigned to these product classes are based on the industries to which they are primary.

Data reported on a product-class basis reflect the total shipments of products (wherever made), rather than the characteristics of establishments that are primarily engaged in making those products.

Modification of Product Class Codes

In table 7 of Section I and table 6 of Section II certain modifications have been made in the product classes developed by the Census Bureau; in order to:

1. Adjust for changes in product class definitions since 1958, and
2. Adjust for the fact that similar products are produced in and are defined as primary to more than one industry.

The first type of adjustment was made in those cases where more detailed product classes have been established since 1958. In this publication, the data for the new product classes have been combined, in order to present comparable data since 1958 rather than for just 1965 and 1966. A five-digit code ending in "A," "B," or "C" identifies this type of combination.

The second type of adjustment was made in those cases where the same product class is primary to more than one industry. This combined total is shown in the four-digit product group in which the largest proportion of the total is produced. A five-digit code ending in "U, V, W, X, Y, or Z" identifies this type of combination. For the other product classes included, the original code is shown; a double dash (-) is shown in the data fields and the reader is referred to the appropriate combination.

As a result of the adjustment made for products being classified as primary to more than one industry, data are not shown for those four-digit product groups which include one or more of these product classes.

These two types of modifications have been carried out in order to present comparable data

for all years, 1958 to 1966, and to show data, to the greatest degree possible, on a wherever made basis.

DEFINITIONS

General Statistics

The so-called general statistics refer to the basic statistical series on number of establishments, number of companies, employment, payroll, production workers, wages, man-hours, value added, value of shipments and capital expenditures, that are tabulated on the two-digit and four-digit SIC level in this publication. As mentioned above, these series are developed by aggregating data for establishments that engage primarily in the same types of activities. The following definitions of terms, used in reporting general statistics, apply to data shown in tables 1-5 of Section I and tables 1-5 of Section II.

NUMBER OF ESTABLISHMENTS: The total number of establishments that are classified with the same SIC code, whether at the two-, or four-digit level of the SIC.

NUMBER OF COMPANIES: The total number of companies with at least one establishment classified in a given SIC code (reported at the four-digit level only).

TOTAL EMPLOYMENT: All full-time and part-time employees on the payrolls of operating manufacturing establishments who worked or received pay for any part of the pay period ended nearest the 15th of selected months. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. All plant employees, including plant officials, are included except proprietors and partners of unincorporated firms.

Total employment generally consists for "production workers" of an average of four monthly figures for March, May, August, and November plus for "all other employees" the mid-March figure.

PRODUCTION WORKERS: All workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plants' own use (e.g., power plant) record keeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level are excluded from this category.

ALL OTHER EMPLOYEES: This figure can be derived by subtracting production workers from total employment. Nonproduction personnel of the manufacturing establishment, including those en-

gaged in the following activities: Factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.); professional, and technical. Also included are employees on the payroll of the manufacturing establishment who are engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

PAYROLL: This total represents gross wages and salaries paid in the calendar year to all employees on the payroll of operating manufacturing establishments, following the definition of payrolls used for calculating the Federal withholding tax. Included are all forms of compensation, such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deduction as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of the Armed Forces and pensioners carried on the active payrolls of manufacturing establishments.

PRODUCTION WORKER MAN-HOURS: All plant man-hours of production workers as defined above, represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours). The total excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported.

WAGES: Gross earnings paid in the calendar year to all production workers on the payrolls of operating manufacturing establishments.

VALUE OF SHIPMENTS: Dollar amounts of the received or receivable net selling values, f.o.b. plant, after discounts and allowances, and excluding freight charges and excise taxes. However, where the products of an industry are customarily delivered by the manufacturing establishment (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered prices of the goods.

Value of production data rather than shipments are collected in several instances where value of shipments does not provide a good measure of activity, and where information regarding the value of production is readily reportable. For certain large lead time products (e.g., aircraft) value of work done is substituted.

The value of shipments shown for a product class may differ from the value of production of that

class because of inventory changes during the year. In addition, the shipments data do not reflect the output of products produced and used for further processing in the same plant.

Included in value of shipments are: All items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment; receipts for contract work; and receipts for such miscellaneous activities as sale of scrap and refuse, installation work by plant employees, research and development, and repair work. The net selling value of products made in one plant on a contract basis from materials owned by others was reported by the plant providing the materials. The value of products bought and re-sold without further processing (merchandising) was reported separately and is included in the value of shipments totals for each industry, but are not included in product class totals.

For multi-unit companies, the value of products transferred to other establishments of the same company (i.e., other manufacturing plants, separate sales branches, or retail stores) was tabulated as though each establishment were a separate economic unit. Included in "value of interplant transfers within the company" are not only the direct costs of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

VALUE ADDED: This measure is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments of products manufactured plus receipts for services rendered. The result of this calculation is then adjusted by the addition of value added by merchandising operations (that is the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process inventories between the beginning and end of the year.

"Value added" avoids the duplication in the "value of shipments" figure which results from the use of products of some establishments as materials by others. Consequently, it is useful for comparing the relative economic contribution of the manufacturing process among industries and geographic areas.

CAPITAL EXPENDITURES: For establishments in operation and establishments under construction but not yet in operation, these data include expenditures for (a) permanent additions and major alterations to manufacturing establishments, and (b) new machinery and equipment used for replacement purposes and additions to plant capacity, if these are of the type for which depreciation accounts are ordinarily maintained.

These totals exclude that portion of expenditures for new facilities and equipment leased from non-manufacturing concerns, new facilities owned by

the Federal Government but operated under contract by private companies, and plant and equipment furnished to the manufacturer by communities and organizations. Expenditures for used plant and equipment, expenditures for land, and costs of maintenance and repairs charged as current operating expense are also omitted.

Ratios

A number of ratios have been computed based on the general statistics on industries. The following definitions of ratios apply to table 1 in Section I and tables 1 and 4 in Section II:

VALUE ADDED AS PERCENT OF SHIPMENTS: Computed by dividing "value of shipments" into "value added." The resulting percentage shows the new production contribution of an industry to its value of shipments. The complement of that percentage (100.0 minus the percentage), which is not shown, would be an approximation of the importance of the cost of materials of the industry.

PAYROLL PER EMPLOYEE: Computed by dividing "total employment" into "payroll." The resulting dollar figure is a measure of the average annual payroll of employees in an industry. It should be noted that "payroll" is an actual record of the amount of money paid to employees in a given year, while "total employment" is an estimate based on four months' data for that year.

WAGES PER PRODUCTION WORKER: Computed by dividing "production workers" into "wages." It is a measure of the annual wages of wage earners in an industry. As in the case of "payroll per employee," it should be noted that the dollar figure, for "wages" is an actual record of amount paid, while "production workers" is estimated by averaging data for four months of the year.

VALUE OF SHIPMENTS PER PRODUCTION WORKER: Computed by dividing "production workers" into "value of shipments." It is important to note that the "value of shipments" may be affected by several factors, such as cost of materials and the importance of receipts and payments for contract work, which have little or no relationship to the number of production workers.

VALUE ADDED PER PRODUCTION WORKER: Computed by dividing "production workers" into "value added." Since there are fewer factors in "value added" than in "value of shipments" that are unrelated to the number of production workers, this measure permits better comparisons of average net contributions of the production process per production worker among industries, areas, and establishments. This ratio does not express the contribution of each production worker to the manufacturing process exclusive of the contribution of the other factors of production but rather expresses a numerical measure of the relationship between the two parameters.

VALUE ADDED PER DOLLAR OF WAGES: Computed by dividing "wages" into "value added." The resulting ratio measures the relative importance of "wages" to net contribution of the whole manufacturing process to dollars of wages paid to the labor factor of production.

WAGES PER PRODUCTION WORKER MAN-HOUR: Computed by dividing "man-hours" into "wages." The resulting dollar figure is a rough measure of average hourly earnings. It is not a measure of the wage rate since "wages" includes premium payments for overtime as well as vacation and sick leave pay, bonuses, etc.

ANNUAL MAN-HOURS PER PRODUCTION WORKER: Computed by dividing "production workers" into "man-hours."

In table 2 of Section II, two ratios have been computed. The ratios relate average capital expenditures (1963-65) to averages for the other two parameters—value added and production workers. The *average annual* capital expenditures is divided by *average annual* value added in the first ratio and divided by *average annual* production worker employment for 1963-65 in the second. Averages were used in calculating ratios because capital expenditures tend to be highly variable on an annual basis.

Product Class Statistics

Data are available on domestic shipments, imports and exports by five-digit product class. The following definitions of terms refer to product class data reported in tables 6 and 7 in Section I and tables 6-8 in Section II.

VALUE OF SHIPMENTS: On a "product" basis represents the total value of shipments of classes of products, wherever made. They include not only shipments of these products by the industry in which they are primary, but also shipments as secondary products, by establishments in other manufacturing industries.

Dollar amounts shown are the received or receivable net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. However, where the products are customarily delivered by the manufacturing establishment (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered price of goods. As mentioned in an earlier section, value of production is reported in several areas where value of shipments does not provide a good measure of activity.

There is a *very important* distinction between the industry and product value of shipments. This distinction is reflected at the four-digit level in industry tables (2 and 4 in Section I, 4 in Section II) and in product class tables (6 in Section I, 6 in Section II). For example 1966 values of shipments for "Household Refrigerators" (SIC 3632) are shown in table 4 of Section II as \$1,675 million

while in table 6 of that same section shipments appear as \$973 million. The difference is accounted for by the fact that the industry shipments are based on total shipments of establishments classified in an industry and therefore include not only shipments of primary products of that industry, but also shipments of other products and other receipts from contract work resales, etc. The product shipments represent only shipments of primary products, including those made by establishments not in the industry to which the products are primary.

IMPORTS: The dollar value shown for imports is defined ordinarily as the market value in the foreign country and excludes U.S. import duties, transportation, insurance and similar costs. In some cases, imports may be valued at the "American Selling Price." In practice, only the values reported for imports subject to an ad valorem rate of duty (approximately 10 to 15% of U.S. imports) tend to conform to this definition. For other imports, the reported values may inadvertently include ocean freight or related costs.

EXPORTS: The dollar value of exports is defined at the point of exportation. Included are the selling price, or cost if not sold, and expenditures for freight, insurance, and other costs to the exportation point.

SOURCES AND LIMITATIONS OF DATA

Sources

The statistical data in this publication are derived directly or indirectly from various Bureau of the Census publications.

All tables, except Section II, tables 7 and 8 are derived from the *Censuses of Manufactures* for 1958 and 1963 the *Annual Surveys of Manufactures* for 1959-62 and 1964-66.

Imports and exports shown in tables 7 and 8 of Section II are taken directly from a Census Bureau publication titled, *U.S. Commodity Exports and Imports as Related to Output*.

Methods of Compilation

Most of the data were collected as part of the *Census of Manufactures* and *Annual Survey of Manufactures* programs. Data for 1958 and 1963, except foreign trade data, are based on reports covering all manufacturing establishments, and represent, therefore, the most accurate across-the-board information available on U.S. manufacturing activity. Data for 1959-62 and 1964-66 are estimates based upon reports received from a probability sample of all manufacturing establishments. The estimates obtained from the sample will vary from the totals that would have been obtained from a complete canvass of all manufacturing establish-

ments. The relative magnitude of the sampling variation is indicated in the *Annual Survey of Manufactures* publications under the caption "standard error of estimate." These standard errors are not shown in this report. However, where the standard error of estimate is 15% or more for industry data, the figures are indicated as not available (n.a.) and in the case of product classes an asterisk (*) preceding the data is used to identify years in which the standard error is 15% or more.

In using the time series on industries or product classes, it is important to note that both the data in any given year other than 1958 or 1963 as well as the year-to-year changes will be influenced in part by sampling variability.

Import and export data may be affected in some commodity areas by the fact that low valuation transactions are not included. Commodity information is not collected for individual import and export shipments valued under \$100 or for imports on informal entries. Informal entries, by definition, contain only items valued at not more than \$250. This does not seriously understate the published data.

Another problem with foreign trade data arises from the fact that in many cases the classification and valuation of products to be imported or exported is done basically by the importer, exporter, or designated representatives. Inaccuracies, particularly with respect to export data, may occur through errors in classification.

Price Changes

In using time series based on dollar valuation, it should be remembered that none of the data have been adjusted for changes in prices. Therefore, the real growth in shipments of a given item during any period may be understated or overstated relative to other products or items.

Changes in Product Mix

Although the classification of industry and product statistics presented in this publication changed little during the period covered, there were some substantial shifts in the relative importance of products within industries or product classes. The characteristics of an industry may have changed substantially during the 1958-66 period as a result of such changes in the product mix. Related changes in types of processes or materials used may also significantly affect the meaningful comparison of an industry or product class over time. For analysis of changes in product mix, data on individual products are available on a continuing basis for many products from the *Current Industrial Reports* series of the Bureau of the Census and for all products in years for which a complete *Census of Manufactures* is conducted.

Duplication in Shipments Data

The value of shipments data shown in this publication may contain extensive duplication, particularly at the two-digit SIC level. This occurs because the shipments of one four-digit industry (e.g., flour) become the "materials" of another four-digit industry (e.g., bakeries). At the two-digit SIC level the value of shipments of the flour is counted twice. This problem also occurs at the four-digit SIC and five-digit product class levels to a lesser extent. For example, when equipment and its component parts are classified as a unit, shipments of the parts by parts manufacturers to equipment manufacturers would be double-counted.

Growth Rankings

Tables 4, 6, and 7 of Section I present rankings of industries and product classes based on the growth in value of shipments between 1958 and 1966. These rankings should be used with caution for several reasons already mentioned, including sampling errors, price changes, etc. In addition, it should be noted that the rankings are not complete, because 1958 data were not available in some cases. For example, some of the rapidly growing plastics products are excluded from tables 6 and 7 in Section I for this reason.

Comparing Exports, Imports, and Shipments

Caution should be used in comparing product class shipments with imports and/or exports as reported in tables 6-8 of Section II. As mentioned earlier, the methods of valuation used are substantially different. Shipments are valued at f.o.b. plant, exports at f.o.b. port of exportation, and imports at f.o.b. foreign port of exportation. Other reasons for using caution in comparing shipments, exports and imports include:

- a. shipments as described above may include duplication that would overstate their value in relation to exports or imports.
- b. shipments in some areas are classified in not-specified-by-kind classes which can therefore understate shipments in other areas.
- c. shipments are subject to sampling variability in non-Census years and imports and particularly exports may be subject to error due to reporting procedures used.
- d. used commodities are included in exports and imports thereby slightly overstating these data relative to shipments.

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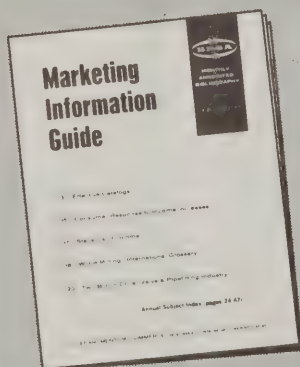
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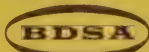
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May 1969

Foreword

Transportation Equipment, Instruments, and Ordnance Manufacturing presents a statistical picture of economic developments in the transportation equipment, instruments, and ordnance industries, and some comparable data for other manufacturing industries, for the period 1958 to 1966. Data are from the Bureau of the Census.

The publication consists of: A descriptive introduction covering each of the three industry groups; two series of tables presenting basic statistical data for these industries; and an appendix that provides detailed descriptions of industries covered and explanatory notes on the sources and use of the data. The statistical data are presented in two parts. Section I data show the size and growth of the transportation equipment, instruments, and ordnance industries in relation to all manufacturing and to the largest and fastest growing manufacturing industries. Section II provides more detailed profiles of transportation equipment, instruments, and ordnance manufacturing, including data on geographic distribution, product shipments and growth rates, and foreign trade.

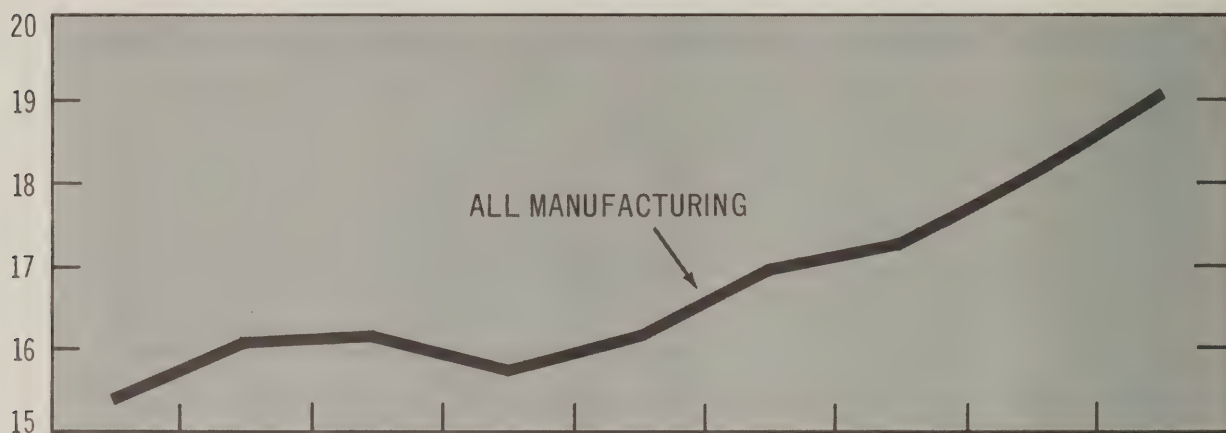
The Office of Industrial Analysis and Business Programs under Davis A. Portner, Assistant Administrator, BDSA, and Thomas E. Murphy, Program Assistant was responsible for the overall planning and preparation of the volume. Narrative and statistical materials were prepared under the supervision of David N. Cohen, Director; Richard Heimlich, John Richards, Gloria Dickson, and Dorothy Wagner of the Statistical Operations and Analysis Staff, with the cooperation of the Automatic Data Processing Division under Raymond J. Long, Director, Robert Kraft, and Frank Jaffe of Automatic Data Processing Division.

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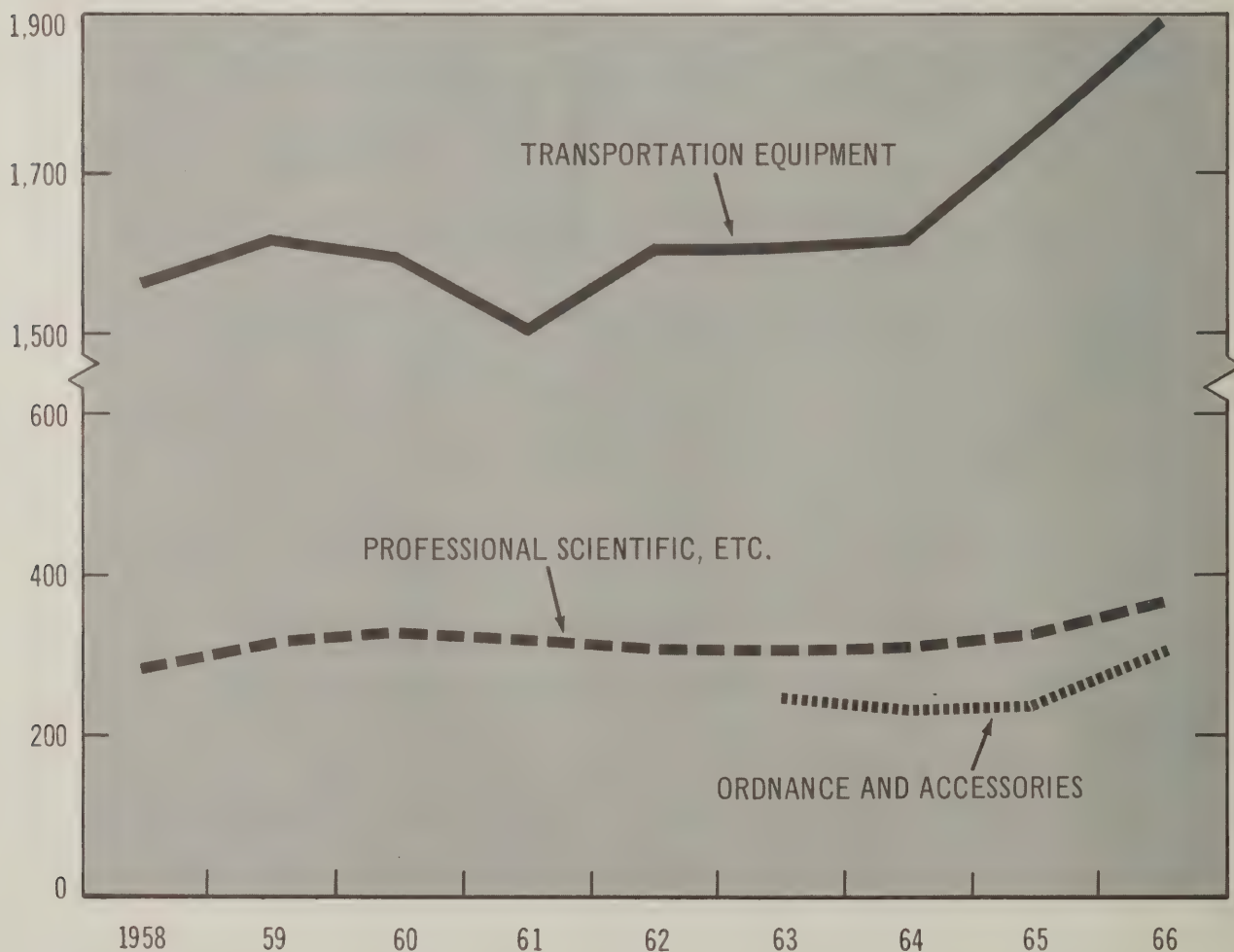
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EMPLOYMENT IN ALL MANUFACTURING TRANSPORTATION EQUIPMENT; INSTRUMENTS, AND ORDNANCE, 1958-1966

Millions of Employees



Thousands of Employees



TRENDS IN THE TRANSPORTATION EQUIPMENT, SCIENTIFIC INSTRUMENTS, AND ORDNANCE AND ACCESSORIES INDUSTRIES¹

Place in the Economy

Transportation equipment, scientific instruments, and ordnance industries, SIC Major Groupings 37, 38, and 19, are among the fastest growing of all industry groupings. The transportation equipment and the scientific instruments industries grew faster from 1958 to 1966 than all manufacturing industries. Value added by the transportation equipment and the scientific instruments industries increased during these years by 91% and 110%, respectively, while value added by all manufacturing increased 78%. Increases in employment and payrolls (24% and 70% respectively) for the industries of these two major groups were comparable to the average for all manufacturing during this period. However, the increase in capital expenditures, 221% by the transportation equipment grouping and 168% by scientific instruments, far outpaced the 123% increase by all manufacturing industries.

There are no comparable data available for the ordnance industries grouping, during the period from 1958 to 1962. From 1963 to 1966, ordnance industries grew at a faster rate than all manufacturing. Value added by manufacturing in the ordnance grouping increased by 35% during this period compared to 31% by all manufacturing.

Growth in Transportation Equipment Industries

The transportation equipment industries have experienced rapid growth, increasing their value

of shipments between 1958 and 1966 by almost 90%. The need for larger, as well as, new and improved transportation systems has spearheaded the growth of these industries. The expanding economy, the increased commercial and industrial shipping needs, the growing foreign trade, the development of rapid transit systems, and the increase in personal travel are some of the major factors which have contributed to the growth of these industries.

The largest industry in SIC 37, as well as in all manufacturing, is motor vehicles and parts, SIC 3717, with shipments in 1966 of over \$45 billion and employment of almost 800 thousand. In 1966, the motor vehicles and parts industry accounted for 6% of value added by all manufacturing and 4% of employment by manufacturing industries.

The fastest growing segments of SIC 37 between 1958 and 1966 were SIC 3742, Railroad and Street Cars, which increased value of shipments by 200%; SIC 3715, Truck Trailers, which increased shipments by 138%; and SIC 3791, Trailer Coaches, which increased shipments by 136%. The dynamic increase in hauling freight both by rail and across the nation's highways is one of the principal reasons these industries have outpaced the growth of the other industries within this major grouping, as well as many other industries in the economy.

Growth in Scientific Instruments Industries

The growth in the scientific instruments industries has paralleled the increase in scientific and technological developments in the fields of medicine, industrial production, aerospace, and communication. The need for precision measurements, controls, guidance systems, and photographic and optical equipment in the present space age has dramatically affected growth and new product development in these industries.

The largest segment of SIC 38 is photographic equipment (SIC 3861), with 1966 shipments valued at almost \$3.3 billion. This industry's output ranked as the thirty-first largest among all manufacturing industries in 1966.

The fastest growing segments of SIC 38, in terms of growth in value of shipments between 1958 and

¹The transportation equipment industries include establishments engaged in the manufacturing of equipment for transportation of passengers and cargo by land, air, and water. Important products produced by these industries include motor vehicles, aircraft, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and horse-drawn vehicles.

The scientific instrument industries include establishments primarily engaged in manufacturing mechanical measuring, engineering, laboratory, and scientific research instruments; optical instruments and lenses; surgical, medical and dental instruments, equipment and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks.

The ordnance and accessories industries include establishments engaged in manufacturing artillery, small arms, and related equipment, and ammunition.

1966, are SIC 3841, Surgical and Medical Instruments, which increased 176%; and SIC 3861, Photographic Equipment, which increased 173%. One of the major factors which has greatly influenced the growth in surgical and medical instruments is the rapidly increasing trend to disposable apparatus such as hypodermic syringes and needles, blood donor kits, and operating trays. It is estimated that, at present, the value of annual production of disposable hypodermic syringes is over \$60 million.

Technological progress in the photographic equipment industry has been enormous and has helped stimulate the growth of the industry. The development of high-quality automatic features and other techniques of simplification together with the development of color film and more highly sensitive black and white films has resulted in greater versatility and increased use of cameras of all varieties. In addition, progress in aerospace, medicine, and education, where information gathering and dissemination are essential, has created a need for increased use of photographic techniques.

Geographic Concentration

The transportation equipment industries, scientific instruments industries, and ordnance industries are all principally concentrated in the major industrial states. Eight states—California, Connecticut, Indiana, Michigan, Missouri, New York, Ohio, Pennsylvania—account for 67% of the transportation industries' employment and 69% of the industries' value added. Seven states—California, Illinois, Massachusetts, Michigan, New Jersey, New York, Pennsylvania—account for 70% of the scientific instruments industries' employment and 76% of the value added. Five states—California,

Pennsylvania, Connecticut, New York, and Ohio—account for 60% of employment and 70% of value added in the industries in the ordnance major grouping. The primary reasons for these geographical concentrations are availability of skilled labor, availability of raw materials, and the nearness to major shipping and distribution systems.

Foreign Trade

Foreign trade is becoming increasingly important for the three industry groupings, especially within the transportation equipment industries. Exports of transportation equipment, scientific instruments, and ordnance products increased from 1960 to 1966 by 38%, 107%, and 29%, respectively. Exports in 1966 accounted for 5%, 10%, and 8% of the three industry groupings' value of shipments.

Exports are larger than imports for each of the three major industry groupings. However, imports in each case have been increasing at a faster rate. Imports of transportation equipment, scientific instruments, and ordnance products increased from 1960 to 1966 by 236%, 119%, and 191%, respectively, while imports as a percentage of apparent consumption for the three industry groupings were approximately 3%, 4%, and 0.7%, respectively.

One of the most significant industries which has experienced a large increase in imports is motor vehicles and parts (SIC 3717). Imports of automobiles, principally from Canada, West Germany, the United Kingdom, Japan, and Sweden, have more than doubled in the last decade. It is now projected that imports of automobiles will continue to increase at a faster rate than both U.S. production and U.S. exports to foreign countries.

Description of Tables

Section I.—Comparison With All Manufacturing

This section presents data that permit comparison of the transportation equipment, instruments, and ordnance industries with all manufacturing and with other manufacturing areas. There are seven tables.

Table I-1 presents general profiles of all manufacturing and of the three industry groups, SIC's 37, 38, and 19 for the period 1958 to 1966. The table shows 13 basic data series related to employment, payrolls, man-hours, value added by manufacture, capital expenditures, and selected averages and ratios.

Tables I-2 and I-3, respectively, show the 50 largest industries in terms of shipments and employment in 1966. Tables I-4 and I-5, respectively,

show the 50 fastest-growing industries between 1958 and 1966 in terms of shipments and employment. Transportation equipment, instruments, and ordnance industries are underscored in each table. The value of shipments used in table I-4 for computing growth ratios between 1958 and 1966 is not adjusted for changes in prices and product mix. Industries that have experienced decreases or rapid increases in prices during this period may be substantially under- or over-stated in terms of their growth relative to other industries. Also, data for industries that have undergone substantial changes in product mix due to technological changes, materials substitutions or similar factors, may be somewhat distorted.

Tables I-6 and I-7 trace product shipments for the 100 fastest-growing product groups and the 200

fastest-growing product classes, respectively. Once again, transportation equipment, instruments, and ordnance products are underscored. The product groups and classes are ranked according to 1966/1968 growth ratios. As with the industry growth ratios described above, the growth ratios shown for product shipments have not been adjusted for changes in price or product mix. Also, certain adjustments have been made in order to derive comparable data for the 9-year period. For cases in which more detailed product classes have been broken out only in recent years, the data are shown on a total basis. Another adjustment is made for products primary to more than one industry, so that product shipments will reflect total shipments of a product wherever made.

See Appendix 2 for a more detailed explanation of these adjustments and more detailed definitions of terms used in Section I.

Section II.—Profiles of Transportation Equipment, Instruments, and Ordnance

This section presents detailed data on the Transportation equipment, instruments, and ordnance industries.

Table II-1a presents transportation equipment industry group data by state for the years 1958 and 1963 through 1965. Shipments data have been excluded because of the duplication in counting resulting from intermediate shipments between industries. Tables II-1b and II-1c present similar data for instruments and ordnance.

In tables II-2a, II-2b, and II-2c, capital expenditures and ratios relating capital expenditures to value added and to production workers are shown by state for the major industry groups 37, 38, and 19. Data for 1958 and 1963, 1964, and 1965 are presented with totals shown for the 3-year period 1963-65.

Table II-3 shows the number of companies as well as the total number of establishments and those with 20 or more employees in the year 1963 for each four-digit industry.

Table II-4 presents general statistics and se-

lected ratios for the four-digit industries included in major industry groups.

Table II-5 ranks all transportation equipment, instruments, and ordnance manufacturing industries by growth in value of shipments between 1958 and 1966. The same cautions given with respect to table I-4 should be heeded in using this table.

Table II-6 includes product shipments data and growth ratios for all four-digit product groups and five-digit product classes within the 37, 38, and 19 groupings. The same limitations that applied to the product shipments data of Section I also apply here; growth ratios have not been adjusted for changes in price or product mix. And, as noted above and explained in Appendix 2, certain adjustments have been made in the groupings and classes to derive comparable data for the 9-year period.

Tables II-7 and II-8 cover import and export data for the two-digit industry groups and all four-digit product groups and five-digit product classes for which import and export data are available.

For more detailed explanations of terms and methods used in compiling Section II tables, refer to Appendix 2.

Symbols

The key to symbols used in the tables is as follows:

| | |
|--------|--|
| n.a. | Not available. |
| n.c. | Not computed. |
| n.s.k. | Not specified by kind. |
| n.e.c. | Not elsewhere classified. |
| * | Standard error of estimate of 15% or more. |
| ** | Data not shown because four-digit group includes one or more products primary to more than one industry. |
| — | Data for this product class which is primary to more than one industry, have been aggregated with data for the other product classes with the same definition (see product description for reference). |
| Z | Less than \$500,000. |
| D | Withheld to avoid disclosure of activities of individual firms. |

Section I.—Comparison With All Manufacturing

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND ORDNANCE, 1958-66

| Year | ALL MANUFACTURING | | | | | | |
|-----------|-----------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 15,393.8 | 73,749.7 | 11,644.2 | 22,632.6 | 49,503.8 | 141,270.3 | 9,075.8 |
| 1959..... | 16,058.7 | 81,148.4 | 12,260.4 | 24,432.5 | 54,658.7 | 160,991.6 | 9,012.3 |
| 1960..... | 16,124.1 | 83,547.2 | 12,179.0 | 24,135.8 | 55,452.1 | 163,230.8 | 9,968.1 |
| 1961..... | 15,744.9 | 83,692.4 | 11,794.5 | 23,325.9 | 54,803.2 | 164,614.0 | 9,415.9 |
| 1962..... | 16,174.8 | 89,926.8 | 12,138.8 | 24,306.9 | 59,176.8 | 179,322.8 | 9,983.9 |
| 1963..... | 16,961.9 | 99,714.3 | 12,232.0 | 24,512.0 | 62,014.4 | 191,103.1 | 11,370.9 |
| 1964..... | 17,268.5 | 106,048.1 | 12,403.3 | 25,245.5 | 65,838.9 | 206,193.6 | 13,287.2 |
| 1965..... | 18,047.6 | 114,143.2 | 13,058.8 | 26,577.5 | 71,376.3 | 226,974.5 | 16,606.6 |
| 1966..... | 19,066.0 | 125,458.8 | 13,810.4 | 28,220.3 | 78,283.4 | 251,013.9 | 20,234.3 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 4,791 | 4,251 | 12,132 | 2.854 | 2.187 | 1,944 |
| 1959..... | 5,053 | 4,458 | 13,131 | 2.945 | 2.237 | 1,993 |
| 1960..... | 5,182 | 4,553 | 13,403 | 2.944 | 2.298 | 1,982 |
| 1961..... | 5,316 | 4,646 | 13,957 | 3.004 | 2.349 | 1,978 |
| 1962..... | 5,560 | 4,875 | 14,773 | 3.030 | 2.435 | 2,002 |
| 1963..... | 5,879 | 5,070 | 15,705 | 3.098 | 2.530 | 2,004 |
| 1964..... | 6,141 | 5,308 | 16,624 | 3.132 | 2.608 | 2,035 |
| 1965..... | 6,325 | 5,466 | 17,381 | 3.180 | 2.686 | 2,035 |
| 1966..... | 6,580 | 5,668 | 18,176 | 3.206 | 2.774 | 2,043 |

| Year | TRANSPORTATION EQUIPMENT, SIC 37 | | | | | | |
|-----------|----------------------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 1,562.4 | 9,185.7 | 1,138.6 | 2,274.9 | 6,037.3 | 15,315.3 | 629.6 |
| 1959..... | 1,615.4 | 10,254.4 | 1,172.1 | 2,453.8 | 6,696.1 | 18,084.2 | 723.1 |
| 1960..... | 1,592.6 | 10,360.4 | 1,160.7 | 2,392.9 | 6,841.5 | 18,368.5 | 730.9 |
| 1961..... | 1,505.5 | 10,112.6 | 1,055.8 | 2,156.7 | 6,313.4 | 17,432.5 | 720.1 |
| 1962..... | 1,600.7 | 11,333.6 | 1,128.8 | 2,367.2 | 7,169.0 | 20,871.8 | 856.3 |
| 1963..... | 1,600.6 | 11,777.0 | 1,146.1 | 2,443.3 | 7,683.3 | 22,674.6 | 1,021.3 |
| 1964..... | 1,616.3 | 12,375.5 | 1,164.6 | 2,473.2 | 8,169.6 | 23,829.9 | 1,260.9 |
| 1965..... | 1,744.9 | 13,717.2 | 1,292.9 | 2,757.1 | 9,282.9 | 27,547.9 | 1,678.9 |
| 1966..... | 1,890.4 | 15,454.1 | 1,406.0 | 3,032.8 | 10,284.8 | 29,250.2 | 2,019.7 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 5,879 | 5,302 | 13,451 | 2.537 | 2.654 | 1,998 |
| 1959..... | 6,348 | 5,713 | 15,429 | 2.701 | 2.729 | 2,094 |
| 1960..... | 6,505 | 5,894 | 15,825 | 2.685 | 2.859 | 2,062 |
| 1961..... | 6,717 | 5,980 | 16,511 | 2.761 | 2.927 | 2,042 |
| 1962..... | 7,080 | 6,351 | 18,490 | 2.911 | 3.028 | 2,097 |
| 1963..... | 7,358 | 6,704 | 19,784 | 2.951 | 3.145 | 2,132 |
| 1964..... | 7,657 | 7,015 | 20,462 | 2.917 | 3.303 | 2,124 |
| 1965..... | 7,861 | 7,180 | 21,307 | 2.967 | 3.367 | 2,132 |
| 1966..... | 8,175 | 7,315 | 20,804 | 2.844 | 3.391 | 2,157 |

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND ORDNANCE, 1958-66--Con.

| Year | PROFESSIONAL, SCIENTIFIC AND CONTROLLING INSTRUMENTS, PHOTO AND OPTICAL GOODS, WATCHES AND CLOCKS, SIC 38 | | | | | | |
|-----------|--|-------------------------------------|-----------------------|-------------------------|-----------------------------------|--|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 286.4 | 1,509.5 | 198.0 | 389.6 | 897.5 | 2,781.0 | 114.6 |
| 1959..... | 310.5 | 1,782.7 | 214.4 | 432.4 | 1,032.5 | 3,410.1 | 145.0 |
| 1960..... | 325.6 | 1,907.6 | 218.0 | 437.1 | 1,066.7 | 3,641.1 | 162.4 |
| 1961..... | 316.3 | 1,908.4 | 208.2 | 415.1 | 1,036.8 | 3,574.0 | 178.7 |
| 1962..... | 308.5 | 1,871.0 | 206.4 | 415.6 | 1,051.4 | 3,690.0 | 177.6 |
| 1963..... | 304.8 | 1,911.5 | 208.2 | 416.6 | 1,101.2 | 3,967.9 | 187.2 |
| 1964..... | 308.0 | 2,013.6 | 209.1 | 420.5 | 1,148.5 | 4,314.3 | 160.1 |
| 1965..... | 328.7 | 2,227.9 | 225.9 | 451.5 | 1,275.0 | 5,002.2 | 232.2 |
| 1966..... | 362.5 | 2,521.4 | 249.3 | 495.0 | 1,437.6 | 5,845.0 | 307.1 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per produc- tion worker (dollars) | Value added per dollar of wages (dollars) | Wages per pro- duction worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|---|--|--|--|---|--|
| 1958..... | 5,271 | 4,533 | 14,045 | 3.099 | 2.304 | 1,968 |
| 1959..... | 5,741 | 4,816 | 15,905 | 3.303 | 2.388 | 2,017 |
| 1960..... | 5,859 | 4,893 | 16,702 | 3.413 | 2.440 | 2,005 |
| 1961..... | 6,034 | 4,980 | 17,166 | 3.447 | 2.498 | 1,994 |
| 1962..... | 6,064 | 5,094 | 17,878 | 3.510 | 2.530 | 2,014 |
| 1963..... | 6,271 | 5,289 | 19,058 | 3.603 | 2.643 | 2,001 |
| 1964..... | 6,537 | 5,493 | 20,633 | 3.756 | 2.731 | 2,011 |
| 1965..... | 6,778 | 5,644 | 22,143 | 3.923 | 2.824 | 1,999 |
| 1966..... | 6,955 | 5,767 | 23,446 | 4.066 | 2.904 | 1,986 |

| Year | ORDNANCE AND ACESSORIES, SIC 19 | | | | | | |
|-----------|---------------------------------|-------------------------------------|-----------------------|-------------------------|-----------------------------------|--|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | Not Available | | | | | | |
| 1959..... | | | | | | | |
| 1960..... | | | | | | | |
| 1961..... | | | | | | | |
| 1962..... | | | | | | | |
| 1963..... | 247.4 | 1,967.3 | 125.5 | 252.6 | 812.9 | 2,939.5 | 106.1 |
| 1964..... | 235.0 | 1,918.7 | 107.3 | 215.3 | 718.1 | 2,889.4 | 116.8 |
| 1965..... | 235.8 | 2,067.2 | 119.6 | 244.0 | 822.0 | 2,993.4 | 93.7 |
| 1966..... | 300.5 | 2,395.2 | 161.2 | 330.0 | 1,123.8 | 3,972.8 | 173.9 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per produc- tion worker (dollars) | Value added per dollar of wages (dollars) | Wages per pro- duction worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|---|--|--|--|---|--|
| 1958..... | Not Available | | | | | |
| 1959..... | | | | | | |
| 1960..... | | | | | | |
| 1961..... | | | | | | |
| 1962..... | | | | | | |
| 1963..... | 7,952 | 6,477 | 23,422 | 3.617 | 3.212 | 2,013 |
| 1964..... | 8,165 | 6,692 | 26,928 | 4.024 | 3.335 | 2,006 |
| 1965..... | 8,767 | 6,873 | 25,028 | 3.641 | 3.369 | 2,040 |
| 1966..... | 7,971 | 6,971 | 24,645 | 3.535 | 3.405 | 2,047 |

Table I-2.--FIFTY LARGEST INDUSTRIES, RANKED BY 1966 VALUE OF SHIPMENTS*

| SIC code | Description | 1966 value of shipments (millions of dollars) |
|----------|---|--|
| 3717 | Motor Vehicles and Parts..... | 45,630 |
| 3312 | Blast Furnaces and Steel Mills..... | 21,193 |
| 2911 | Petroleum Refining..... | 18,742 |
| 2011 | Meat Packing Plants..... | 15,069 |
| 3721 | Aircraft..... | 9,000 |
| 3662 | Radio, TV Communication Equipment..... | 7,563 |
| 2026 | Fluid Milk..... | 7,435 |
| 2818 | Organic Chemicals, n.e.c..... | 6,541 |
| 275X | Commercial Printing Except Engraving..... | 5,994 |
| 2711 | Newspapers..... | 5,520 |
| 2051 | Bread and Related Products..... | 5,007 |
| 3571 | Computing and Related Machines..... | 4,833 |
| 2621 | Paper Mills, Except Building..... | 4,805 |
| 3079 | Plastics Products, n.e.c..... | 4,658 |
| 3722 | Aircraft Engines and Parts..... | 4,572 |
| 2042 | Prepared Animal Feeds..... | 4,438 |
| 2834 | Pharmaceutical Preparations..... | 4,432 |
| 3522 | Farm Machinery and Equipment..... | 4,332 |
| 3651 | Radio and TV Receiving Sets..... | 4,092 |
| 3679 | Electronic Components..... | 4,002 |
| 2819 | Inorganic Chemicals, n.e.c..... | 3,845 |
| 3729 | Aircraft Equipment, n.e.c..... | 3,781 |
| 3531 | Construction Machinery..... | 3,768 |
| 1925 | Complete Guided Missiles..... | 3,767 |
| 3461 | Metal Stampings..... | 3,756 |
| 3011 | Tires and Inner Tubes..... | 3,716 |
| 3357 | Nonferrous Wire Drawing, etc..... | 3,711 |
| 2211 | Weaving Mills, Cotton..... | 3,562 |
| 2821 | Plastics Materials and Resins..... | 3,533 |
| 2421 | Sawmills and Planning Mills..... | 3,391 |
| 3861 | Photographic Equipment..... | 3,286 |
| 2033 | Canned Fruits and Vegetables..... | 3,216 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 3,139 |
| 3352 | Aluminum Rolling and Drawing..... | 3,100 |
| 2850 | Paints and Allied Products..... | 2,970 |
| 282X | Man-Made Fibers..... | 2,916 |
| 2653 | Corrugated Shipping Containers..... | 2,891 |
| 3599 | Miscellaneous Machinery..... | 2,865 |
| 2111 | Cigarettes..... | 2,860 |
| 2631 | Paperboard Mills..... | 2,853 |
| 3351 | Copper Rolling and Drawing..... | 2,846 |
| 2015 | Poultry Dressing Plants..... | 2,754 |
| 2086 | Bottled and Canned Soft Drinks..... | 2,735 |
| 3321 | Gray Iron Foundries..... | 2,728 |
| 2721 | Periodicals..... | 2,718 |
| 3585 | Refrigeration Machinery..... | 2,713 |
| 2082 | Malt Liquors..... | 2,700 |
| 3141 | Footwear, Except Rubber..... | 2,650 |
| 3411 | Metal Cans..... | 2,631 |
| 3441 | Fabricated Structural Steel..... | 2,602 |

*Transportation equipment, instruments, and ordnance industries are underscored.

Table I-3.--FIFTY LARGEST INDUSTRIES, RANKED BY 1966 EMPLOYMENT*

| SIC code | Description | 1966 employment (thousands) |
|----------|--|-----------------------------|
| 3717 | Motor Vehicles and Parts..... | 799 |
| 3312 | Blast Furnaces and Steel Mills..... | 559 |
| 3662 | Radio, TV Communication Equipment..... | 377 |
| 3721 | Aircraft..... | 357 |
| 2711 | Newspapers..... | 333 |
| 275X | Commercial Printing, Except Engraving..... | 326 |
| 3679 | Electronic Components..... | 234 |
| 2051 | Bread and Related Products..... | 232 |
| 3079 | Plastics Products, n.e.c..... | 224 |
| 2211 | Weaving Mills, Cotton..... | 209 |
| 3141 | Footwear, Except Rubber..... | 206 |
| 2421 | Sawmills and Planing Mills..... | 195 |
| 2335 | Dresses, Womens and Misses..... | 192 |
| 3729 | Aircraft Equipment, n.e.c..... | 190 |
| 3722 | Aircraft Engines and Parts..... | 188 |
| 2011 | Meat Packing Plants..... | 174 |
| 2026 | Fluid Milk..... | 169 |
| 3461 | Metal Stampings..... | 164 |
| 3599 | Miscellaneous Machinery..... | 164 |
| 1925 | Complete Guided Missiles..... | 164 |
| 2511 | Wood Furniture Not Upholstered..... | 160 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 144 |
| 3321 | Gray Iron Foundries..... | 141 |
| 3522 | Farm Machinery and Equipment..... | 137 |
| 3571 | Computing and Related Machines..... | 136 |
| 3731 | Ship Building and Repairing..... | 135 |
| 2621 | Paper Mills, Except Building..... | 135 |
| 2311 | Mens and Boys Suits and Coats..... | 134 |
| 3651 | Radio and TV Receiving Sets..... | 130 |
| 3531 | Construction Machinery..... | 121 |
| 3544 | Special Dies and Tools..... | 120 |
| 2086 | Bottled and Canned Soft Drinks..... | 118 |
| 2321 | Mens Dress Shirts and Nightwear..... | 113 |
| 3661 | Telephone Telegraph Apparatus..... | 113 |
| 3621 | Motors and Generators..... | 112 |
| 2911 | Petroleum Refining..... | 107 |
| 3429 | Hardware, n.e.c..... | 103 |
| 2221 | Weaving Mills, Synthetics..... | 103 |
| 2033 | Canned Fruits and Vegetables..... | 101 |
| 2834 | Pharmaceutical Preparations..... | 98 |
| 3441 | Fabricated Structural Steel..... | 97 |
| 225X | Hosiery..... | 96 |
| 2653 | Corrugated Shipping Containers..... | 96 |
| 2818 | Organic Chemicals, n.e.c..... | 96 |
| 2337 | Womens Suits, Coats and Skirts..... | 95 |
| 282X | Man-Made Fibers..... | 93 |
| 3011 | Tires and Inner Tubes..... | 93 |
| 3494 | Valves and Pipe Fittings..... | 92 |
| 2327 | Separate Trousers..... | 91 |
| 3443 | Boiler Shop Products..... | 91 |

*Transportation equipment, instruments, and ordnance industries are underscored.

Table I-4.--FIFTY FASTEST GROWING INDUSTRIES, RANKED BY 1958-66 SHIPMENTS GROWTH*

| SIC code | Title | Value of shipments (millions of dollars) | | Ratio 1966/1958 |
|-------------|--|---|-------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 138 | 803 | 5.80 |
| 3672 | Cathode Ray Picture Tubes..... | 159 | 812 | 5.10 |
| 3674 | Semiconductors..... | 250 | 1,124 | 4.49 |
| 3571 | Computing and Related Machines..... | 1,104 | 4,833 | 4.38 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c..... | 200 | 829 | 4.15 |
| 2272 | Tufted Carpets and Rugs..... | 318 | 1,206 | 3.80 |
| 1951 | Small Arms, 30mm. and Under..... | 79 | 274 | 3.46 |
| 3679 | Electronic Components..... | 1,195 | 4,002 | 3.35 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 97 | 321 | 3.33 |
| 3831 | Optical Instruments and Lenses..... | 103 | 332 | 3.23 |
| 3392 | Nonferrous Forgings..... | 99 | 311 | 3.16 |
| 3742 | Railroad and Street Cars..... | 562 | 1,696 | 3.02 |
| 3537 | Industrial Trucks and Tractors..... | 369 | 792 | 2.94 |
| 3399 | Primary Metal Industries, n.e.c..... | 141 | 399 | 2.83 |
| 1961 | Small Arms Ammunition..... | 167 | 468 | 2.79 |
| 3841 | Surgical and Medical Instruments..... | 130 | 360 | 2.76 |
| 3861 | Photographic Equipment..... | 1,205 | 3,286 | 2.73 |
| 3953 | Marking Devices..... | 60 | 162 | 2.71 |
| 3541 | Metal-Cutting Machine Tools..... | 680 | 1,826 | 2.69 |
| 3662 | Radio, TV Communications Equipment..... | 2,853 | 7,563 | 2.65 |
| 3651 | Radio and TV Receiving Sets..... | 1,548 | 4,092 | 2.64 |
| 2262 | Finishing Plants, Synthetic..... | 211 | 550 | 2.61 |
| 2519 | Household Furniture, n.e.c..... | 31 | 78 | 2.55 |
| 3622 | Industrial Controls..... | 413 | 1,049 | 2.54 |
| 3357 | Nonferrous Wire Drawing, etc..... | 1,466 | 3,711 | 2.53 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 95 | 240 | 2.53 |
| 2282 | Throwing and Winding Mills..... | 175 | 438 | 2.51 |
| 3799 | Transportation Equipment, n.e.c..... | 93 | 232 | 2.50 |
| 3499 | Fabricated Metal Products, n.e.c..... | 340 | 850 | 2.50 |
| 3079 | Plastics Products, n.e.c..... | 1,868 | 4,658 | 2.49 |
| 2295 | Coated Fabric, Not Rubberized..... | 247 | 595 | 2.41 |
| 3545 | Machine Tool Accessories..... | 511 | 1,230 | 2.41 |
| 3479 | Metal Coating, Engraving, etc..... | 196 | 469 | 2.39 |
| 3715 | Truck Trailers..... | 335 | 796 | 2.38 |
| 3565 | Industrial Patterns..... | 98 | 233 | 2.37 |
| 3536 | Hoists, Cranes and Monorails..... | 185 | 437 | 2.37 |
| 3791 | Trailer Coaches..... | 461 | 1,089 | 2.36 |
| 3341 | Secondary Nonferrous Metals..... | 724 | 1,709 | 2.36 |
| 3351 | Copper Rolling and Drawing..... | 1,210 | 2,846 | 2.35 |
| 2256 | Knit Fabric Mills..... | 487 | 1,144 | 2.35 |
| 3713 | Truck and Bus Bodies..... | 308 | 719 | 2.33 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c.)..... | 245 | 571 | 2.33 |
| 2327 | Separate Trousers..... | 452 | 1,042 | 2.30 |
| 2844 | Toilet Preparations..... | 1,059 | 2,431 | 2.29 |
| 3542 | Metal-Forming Machine Tools..... | 318 | 728 | 2.29 |
| 3559 | Special Industry Machinery, n.e.c..... | 761 | 1,731 | 2.27 |
| 3572 | Typewriters..... | 238 | 534 | 2.24 |
| 3569 | General Industry Machinery, n.e.c..... | 458 | 1,024 | 2.23 |
| 3451 | Metal Coating, Engraving, etc..... | 425 | 949 | 2.23 |
| 3694 | Engine Electrical Equipment..... | 607 | 1,342 | 2.21 |

*Transportation equipment, instruments, and ordnance industries are underscored.

Table I-5.--FIFTY FASTEST GROWING INDUSTRIES, RANKED BY 1958-66 EMPLOYMENT GROWTH*

| SIC code | Title | Total employment (thousands) | | Ratio 1966/1958 |
|-------------|--|---------------------------------|------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 11 | 42 | 3.75 |
| 3674 | Semiconductors..... | 23 | 82 | 3.52 |
| 191X | Guns, Howitzers, Mortars, Ordnance, and Accessories, n.e.c.... | 16 | 46 | 2.98 |
| 3672 | Cathode Ray Picture Tubes..... | 9 | 25 | 2.89 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 3 | 7 | 2.74 |
| 2272 | Tufted Carpets and Rugs..... | 12 | 28 | 2.45 |
| 3662 | Radio, TV Communications Equipment..... | 154 | 377 | 2.44 |
| 3831 | Optical Instruments and Lenses..... | 7 | 17 | 2.43 |
| 3679 | Electronic Components..... | 109 | 234 | 2.15 |
| 1961 | Small Arms Ammunition..... | 9 | 19 | 2.12 |
| 2519 | Household Furniture, n.e.c..... | 2 | 5 | 2.09 |
| 3791 | Trailer Coaches..... | 19 | 39 | 2.06 |
| 3392 | Nonferrous Forgings..... | 5 | 10 | 2.06 |
| 3799 | Transportation Equipment, n.e.c..... | 5 | 9 | 1.99 |
| 3651 | Radio and TV Receiving Sets..... | 67 | 130 | 1.96 |
| 3079 | Plastics Products, n.e.c..... | 116 | 224 | 1.93 |
| 1951 | Small Arms, 30 mm. and Under..... | 8 | 15 | 1.92 |
| 3499 | Fabricated Metal Products, n.e.c..... | 20 | 37 | 1.85 |
| 3399 | Primary Metal Industries, n.e.c..... | 10 | 18 | 1.83 |
| 3742 | Railroad and Street Cars..... | 24 | 44 | 1.80 |
| 3715 | Truck Trailers..... | 16 | 28 | 1.79 |
| 3537 | Industrial Trucks and Tractors..... | 15 | 26 | 1.78 |
| 2327 | Separate Trousers..... | 52 | 91 | 1.76 |
| 2256 | Knit Fabric Mills..... | 18 | 32 | 1.74 |
| 2295 | Coated Fabric, Not Rubberized..... | 10 | 18 | 1.74 |
| 3536 | Hoists, Cranes and Monorails..... | 10 | 16 | 1.73 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c..... | 12 | 20 | 1.73 |
| 3841 | Surgical and Medical Instruments..... | 10 | 18 | 1.71 |
| 3622 | Industrial Controls..... | 27 | 46 | 1.69 |
| 3571 | Computing and Related Machines..... | 81 | 136 | 1.68 |
| 2391 | Curtains and Draperies..... | 16 | 27 | 1.63 |
| 3699 | Electrical Products, n.e.c..... | 10 | 17 | 1.62 |
| 3479 | Metal Coating, Engraving, etc..... | 16 | 25 | 1.61 |
| 3953 | Marking Devices..... | 5 | 9 | 1.60 |
| 2843 | Surface Active Agents..... | 3 | 5 | 1.60 |
| 2892 | Explosives..... | 15 | 24 | 1.60 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 5 | 8 | 1.59 |
| 2399 | Textile Products, n.e.c..... | 18 | 28 | 1.58 |
| 3713 | Truck and Bus Bodies..... | 20 | 32 | 1.58 |
| 2037 | Frozen Fruits and Vegetables..... | 40 | 62 | 1.58 |
| 3497 | Metal Foil and Leaf..... | 4 | 5 | 1.56 |
| 2646 | Pressed and Molded Pulp Goods..... | 4 | 7 | 1.56 |
| 3931 | Musical Instruments and Parts..... | 16 | 25 | 1.56 |
| 3316 | Cold Finishing of Steel Shapes..... | 11 | 17 | 1.55 |
| 2339 | Womens Outerwear, n.e.c..... | 44 | 68 | 1.55 |
| 3872 | Watchcases..... | 3 | 4 | 1.54 |
| 2262 | Finishing Plants, Synthetic..... | 16 | 25 | 1.54 |
| 3635 | Household Vacuum Cleaners..... | 5 | 8 | 1.54 |
| 3634 | Electrical Housewares and Fans..... | 29 | 45 | 1.53 |
| 282X | Man-Made Fibers (Includes: 2823 Cellulosic Man-Made Fibers and 2824 Synthetic Organic Fibers, Except Cellulosic)..... | 61 | 93 | 1.52 |

*Transportation equipment, instruments, and ordnance industries are underscored.

Table I-6.--ONE HUNDRED FASTEST GROWING PRODUCTS GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|------|---|-----------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 3674 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 2 | 3672 | Cathode Ray Picture Tubes, including Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 3 | 3571 | Computing and Related Machines..... | 1,034 | 4,156 | 4.02 |
| 4 | 3679 | Electronic Components, n.e.c..... | 1,298 | 4,808 | 3.71 |
| 5 | 2272 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 6 | 3742 | Railroad and Street Cars..... | 529 | 1,658 | 3.14 |
| 7 | 3831 | Optical Instruments and Lenses..... | 115 | 361 | 3.12 |
| 8 | 3841 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 9 | 1961 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 10 | 1951 | Small Arms, 30 mm. and Under..... | 86 | 247 | 2.88 |
| 11 | 3541 | Metal-Cutting Machine Tools..... | 587 | 1,639 | 2.79 |
| 12 | 3537 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 13 | 3399 | Primary Metal Products n.e.c..... | 150 | 408 | 2.71 |
| 14 | 3715 | Truck Trailers..... | 284 | 770 | 2.71 |
| 15 | 3861 | Photographic Equipment..... | 1,061 | 2,831 | 2.67 |
| 16 | 3651 | Radio and TV Receiving Sets..... | 1,482 | 3,875 | 2.62 |
| 17 | 3799 | Transportation Equipment, n.e.c..... | 100 | 260 | 2.60 |
| 18 | 2824 | Noncellulosic Organic Fibers..... | 748 | 1,939 | 2.59 |
| 19 | 3351 | Copper Rolling and Drawing Products..... | 1,034 | 2,655 | 2.57 |
| 20 | 2282 | Thrown and Wound Yarns, excluding Wool..... | 199 | 504 | 2.54 |
| 21 | 3499 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 22 | 3392 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 23 | 3497 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 24 | 3545 | Machine Tool Accessories..... | 470 | 1,177 | 2.50 |
| 25 | 3479 | Metal Coating, Engraving and Allied Services, n.e.c..... | 184 | 447 | 2.43 |
| 26 | 3542 | Metal-Forming Machine Tools..... | 283 | 680 | 2.41 |
| 27 | 3552 | Textile Machinery..... | 322 | 776 | 2.41 |
| 28 | 1925 | Complete Guided Missiles..... | 1,887 | 4,509 | 2.39 |
| 29 | 2295 | Coated Fabric, Not Rubberized..... | 245 | 582 | 2.37 |
| 30 | 2256 | Knit Fabrics..... | 462 | 1,092 | 2.36 |
| 31 | 3451 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 32 | 3559 | Special Industry Machines, n.e.c..... | 726 | 1,700 | 2.34 |
| 33 | 3953 | Hand Stamps, Stencils and Other Marking Devices..... | 59 | 137 | 2.33 |
| 34 | 3751 | Bicycles, Motorcycles, Motorbikes, Scooters, and Parts.... | 106 | 245 | 2.31 |
| 35 | 3361 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 36 | 3589 | Service Industry Machines, n.e.c..... | 222 | 510 | 2.30 |
| 37 | 3572 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 38 | 2844 | Toilet Preparations..... | 1,126 | 2,545 | 2.26 |
| 39 | 3713 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 40 | 2655 | Fiber Cans, Tubes, Drums, etc..... | 189 | 424 | 2.24 |
| 41 | 3622 | General Industry Power Circuit Devices and Controls..... | 447 | 1,002 | 2.24 |
| 42 | 3717 | Motor Vehicles and Parts..... | 19,863 | 44,579 | 2.24 |
| 43 | 3322 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 44 | 3536 | Hoists, Cranes and Monorails..... | 166 | 360 | 2.18 |
| 45 | 3585 | Refrigeration Machinery..... | 1,435 | 3,130 | 2.18 |
| 46 | 3323 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 47 | 3693 | X-Ray Equipment, including X-Ray Tubes and Electrothera- peutic Apparatus..... | 73 | 156 | 2.13 |
| 48 | 2761 | Manifold Business Forms..... | 374 | 794 | 2.12 |
| 49 | 2385 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 50 | 2522 | Metal Office Furniture..... | 273 | 572 | 2.09 |
| 51 | 3562 | Ball and Roller Bearings..... | 637 | 1,331 | 2.09 |
| 52 | 2327 | Men's, Youths' and Boys' Separate Trousers, excluding Work..... | 436 | 906 | 2.08 |
| 53 | 3362 | Copper and Copper-Base Alloy Castings..... | 223 | 464 | 2.08 |
| 54 | 3229 | Pressed and Blown Glass n.e.c..... | 448 | 928 | 2.07 |
| 55 | 2731 | Books, Publishing and Printing..... | 1,011 | 2,081 | 2.06 |
| 56 | 3623 | Electric Welding Apparatus..... | 233 | 481 | 2.06 |

Table I-6.--ONE HUNDRED FASTEST GROWING PRODUCTS GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 57 | 2753 | Engraving and Plate Printing..... | 94 | 192 | 2.05 |
| 58 | 3291 | Abrasive Products..... | 400 | 818 | 2.05 |
| 59 | 3566 | Power Transmission Equipment..... | 623 | 1,274 | 2.05 |
| 60 | 3569 | General Industrial Machines, n.e.c..... | 467 | 960 | 2.05 |
| 61 | 3871 | Watches and Clocks..... | 292 | 592 | 2.03 |
| 62 | 3565 | Industrial Paterns, excluding Shoe..... | 121 | 244 | 2.02 |
| 63 | 3581 | Automatic Vending Machines..... | 131 | 264 | 2.02 |
| 64 | 3911 | Jewelry, Precious Metal..... | 287 | 580 | 2.02 |
| 65 | 2037 | Frozen Fruits, Fruit Juices, Vegetables and Specialties... | 916 | 1,842 | 2.01 |
| 66 | 2519 | Household Furniture, n.e.c..... | 35 | 71 | 2.01 |
| 67 | 3299 | Other Nonmetallic Mineral Products, n.e.c..... | 54 | 108 | 2.01 |
| 68 | 3369 | Nonferrous castings, n.e.c..... | 233 | 468 | 2.01 |
| 69 | 3555 | Printing Trades Machinery..... | 273 | 550 | 2.01 |
| 70 | 3264 | Porcelain Electrical Supplies..... | 91 | 181 | 1.99 |
| 71 | 3629 | Electric Industrial Goods, n.e.c..... | 213 | 423 | 1.99 |
| 72 | 2752 | Printing, Lithographic..... | 1,366 | 2,702 | 1.98 |
| 73 | 3599 | Carburetors, Pistons, and Other Machine Shop Products.... | 1,118 | 2,217 | 1.98 |
| 74 | 3471 | Electroplating, Plating and Polishing..... | 350 | 688 | 1.97 |
| 75 | 3661 | Telephone Telegraph Apparatus..... | 1,079 | 2,125 | 1.97 |
| 76 | 2061 | Sugar Cane Mill Products and Byproducts..... | 159 | 310 | 1.96 |
| 77 | 2732 | Book Printing..... | 423 | 828 | 1.96 |
| 78 | 3634 | Electric Housewares and Fans..... | 544 | 1,068 | 1.96 |
| 79 | 3941 | Games and Toys, excluding Dolls and Children's Vehicles... | 522 | 1,023 | 1.96 |
| 80 | 2394 | Canvas Products..... | 114 | 223 | 1.95 |
| 81 | 2521 | Wood Office Furniture..... | 71 | 138 | 1.95 |
| 82 | 2879 | Agricultural Pesticides, and Other Agr. Chemicals..... | 348 | 673 | 1.94 |
| 83 | 3692 | Primary Batteries, Dry and Wet..... | 136 | 264 | 1.94 |
| 84 | 2818 | Organic Chemicals, n.e.c..... | 2,787 | 5,366 | 1.93 |
| 85 | 3531 | Construction Machinery..... | 1,996 | 3,829 | 1.92 |
| 86 | 3694 | Engine Electrical Equipment..... | 587 | 1,124 | 1.92 |
| 87 | 2815 | Intermediate Coal Tar Products..... | 788 | 1,509 | 1.91 |
| 88 | 3535 | Conveyors..... | 334 | 639 | 1.91 |
| 89 | 3544 | Special Dies and Tools..... | 1,320 | 2,520 | 1.91 |
| 90 | 2432 | Veneer and Plywood..... | 836 | 1,590 | 1.90 |
| 91 | 3532 | Mining Machinery and Equipment..... | 275 | 524 | 1.90 |
| 92 | 3452 | Bolts, Nuts, Washers and Rivets..... | 859 | 1,623 | 1.89 |
| 93 | 3582 | Commercial Laundry Equipment..... | 107 | 202 | 1.89 |
| 94 | 2087 | Flavorings..... | 523 | 981 | 1.88 |
| 95 | 2645 | Die-Cut Paper and Board..... | 265 | 497 | 1.88 |
| 96 | 2813 | Industrial Gases..... | 263 | 494 | 1.88 |
| 97 | 3576 | Scales and Balances..... | 71 | 134 | 1.88 |
| 98 | 3642 | Lighting Fixtures..... | 765 | 1,438 | 1.88 |
| 99 | 3519 | Internal Combustion Engines..... | 1,133 | 2,114 | 1.87 |
| 100 | 3567 | Industrial Furnaces and Ovens..... | 185 | 347 | 1.87 |

*Transportation equipment, instruments, and ordnance industries are underscored.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|---|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 38612 | Photocopying, Microfilming, Blueprinting, Vandyke, and White Printing Equipment..... | 58 | 549 | 9.53 |
| 2 | 33992 | Nonferrous Nails, Brads, Tacks and Staples..... | 2 | 19 | 9.26 |
| 3 | 30792 | Foamed Plastic Products..... | 54 | 398 | 7.36 |
| 4 | 35593 | Plastics-Working Machinery and Equipment, excluding Patterns and Molds..... | 51 | 265 | 5.21 |
| 5 | 24993 | Particle Board..... | 17 | 90 | 5.17 |
| 6 | 3717A | Combat Vehicles and Motor Vehicle and Parts, n.s.k. (including 37174 and 37170)..... | 65 | 317 | 4.86 |
| 7 | 36795 | Other Electronic Components and Accessories, n.e.c..... | 685 | 3,275 | 4.78 |
| 8 | 24324 | Nonwood Face Plywood and Other Plywood Type Products, Except Particle Wood..... | 27 | 127 | 4.65 |
| 9 | 36622 | Radio and Television Broadcast Equipment and Closed Circuit Systems..... | 76 | 353 | 4.62 |
| 10 | 37323 | All Other Boats..... | 15 | 70 | 4.53 |
| 11 | 36740 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 12 | 36720 | Cathode Ray Picture Tubes, including Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 13 | 24992 | Pallets and Skids..... | 43 | 188 | 4.35 |
| 14 | 38618 | Prepared Photographic Chemicals..... | 36 | 153 | 4.26 |
| 15 | 35485 | Other Metalworking Machinery..... | 18 | 67 | 3.80 |
| 16 | 37991 | Automobile Trailers, excluding Housing Type Coaches..... | 23 | 86 | 3.80 |
| 17 | 34913 | All Other Barrels, including Beer Barrels and Fluid Milk Shipping Containers..... | 15 | * 54 | * 3.70 |
| 18 | 35412 | Drilling Machines..... | 30 | 111 | 3.68 |
| 19 | 22720 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 20 | 2221V | Finished Man-Made Fiber and Silk Broad-Woven Fabrics (including 22218 and 22628)..... | 158 | 550 | 3.49 |
| 21 | 22533 | All Other Knit Outerwear Products, n.e.c..... | 69 | 239 | 3.48 |
| 22 | 36621 | Commercial, Industrial, and Military Electronic Communication Equipment..... | 416 | 1,446 | 3.48 |
| 23 | 35422 | Presses, including Forging Presses..... | 77 | 266 | 3.47 |
| 24 | 36793 | Resistors for Electronic Applications..... | 147 | 493 | 3.36 |
| 25 | 37314 | Ship Repair, U.S. Military..... | 124 | 413 | 3.33 |
| 26 | 28442 | Perfumes, Toilet Water, and Colognes..... | 103 | 341 | 3.29 |
| 27 | 34944 | Other Valves and Fittings, excluding Plumbers' Brass Goods and Fittings..... | 152 | 494 | 3.26 |
| 28 | 35418 | Other Machine Tools (including Those Designed for Home, Workshops, Laboratories, etc.)..... | 98 | 320 | 3.26 |
| 29 | 36512 | Household Television Receivers, including Television Combinations..... | 727 | 2,357 | 3.24 |
| 30 | 33991 | Metal Powders and Paste..... | 55 | 178 | 3.23 |
| 31 | 3742A | Freight Train Cars, New Street Cars, and Parts (including 37422 and 37423)..... | 516 | 1,649 | 3.20 |
| 32 | 35592 | Foundry Machinery and Equipment, excluding Patterns and Molds..... | 53 | 168 | 3.19 |
| 33 | 27521 | Magazines and Periodicals..... | 66 | 210 | 3.17 |
| 34 | 35521 | Textile Machinery..... | 144 | 451 | 3.14 |
| 35 | 27523 | Catalogs and Directories..... | 76 | 233 | 3.09 |
| 36 | 35415 | Lathes, Metal Cutting..... | 99 | 303 | 3.07 |
| 37 | 38410 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 38 | 2282A | Thrown and Textured, Crimped or Bulked Filament Yarns, including Stretch Yarns (including 22823 and 22824)..... | 121 | 368 | 3.04 |
| 39 | 28184 | Pesticides and Other Organic Agricultural Chemicals (Not Formulations)..... | 96 | 293 | 3.04 |
| 40 | 37413 | Parts for Locomotives and Rebuilt Locomotives..... | 135 | 407 | 3.01 |
| 41 | 19610 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 42 | 27527 | Lithographic Plates Made for Others..... | 68 | 203 | 2.99 |
| 43 | 33511 | Copper and Copper-Base Alloy Wire (Bare and Tinned) for Purposes Other Than Electrical Transmission..... | 48 | 143 | 2.98 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 44 | 35419 | Parts for Metal Cutting Type Machine Tools Sold Separately and Rebuilt Machine Tools..... | 89 | 260 | 2.93 |
| 45 | 23963 | Other Trimmings and Findings..... | 56 | 163 | 2.92 |
| 46 | 33572 | Copper and Copper-Base Alloy Wire (including Strand and Cable) Bare and Tinned, for Electrical Transmission..... | 156 | 454 | 2.90 |
| 47 | 27321 | Book and Pamphlet Printing and Book Binding (Lithographic Process)..... | 168 | 484 | 2.89 |
| 48 | 19510 | Small Arms, 30 mm and Under..... | 86 | 247 | 2.88 |
| 49 | 28423 | Specialty Cleaning and Sanitation Products..... | 181 | 520 | 2.86 |
| 50 | 36941 | Ignition Harness and Cable Sets..... | 29 | 82 | 2.83 |
| 51 | 23962 | Automobile and Furniture Trimmings..... | 161 | 450 | 2.80 |
| 52 | 39314 | Other Musical Instruments and Parts..... | 48 | 134 | 2.79 |
| 53 | 35370 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 54 | 27311 | Textbooks..... | 282 | 779 | 2.77 |
| 55 | 35612 | Hydraulic Fluid Power Pumps and Motors Vacuum Pumps..... | 77 | 212 | 2.76 |
| 56 | 22311 | Finished Wool Yarn, Tops, or Raw Stock Not Spun or Combed at Same Establishment..... | 27 | 75 | 2.75 |
| 57 | 24323 | Softwood Plywood, Exterior Type..... | 127 | 347 | 2.74 |
| 58 | 35414 | Grinding and Polishing Machines (excluding Gear Tooth Grinding, Honing, Lapping, Polishing and Buffing Machines)..... | 89 | 245 | 2.74 |
| 59 | 37321 | Inboard Motor Boats..... | 76 | 208 | 2.74 |
| 60 | 36231 | Arc Welding Machines, Components, and Accessories, excluding Electrodes..... | 66 | 179 | 2.72 |
| 61 | 3452A | Special Industrial Fasteners and Headed Products (Produced by Cold and Hot Heading Other Than Industrial Fasteners) (including 34522 and 34523)..... | 179 | 486 | 2.71 |
| 62 | 37150 | Truck Trailers..... | 284 | 770 | 2.71 |
| 63 | 22952 | Resin-Coated Fabrics..... | 121 | 325 | 2.69 |
| 64 | 35361 | Hoists..... | 59 | 159 | 2.68 |
| 65 | 35623 | Mounted Bearings..... | 35 | 94 | 2.67 |
| 66 | 35893 | Commercial and Industrial Vacuum Cleaners, including Parts and Attachments..... | 13 | *34 | *2.67 |
| 67 | 36624 | Electronic Navigational Aids (excluding Missile Borne and Space Vehicle Borne Equipment)..... | 426 | 1,135 | 2.67 |
| 68 | 28134 | Elemental Gases and Compressed and Liquified Gases, n.e.c. | 130 | 345 | 2.65 |
| 69 | 35413 | Gear Cutting and Finishing Machines..... | 23 | 60 | 2.64 |
| 70 | 20373 | Frozen Prepared Foods and Soups..... | 319 | 838 | 2.63 |
| 71 | 32292 | Lighting and electronic Glassware..... | 143 | 375 | 2.62 |
| 72 | 35451 | Small Cutting Tools for Machine Tools and Metalworking Machinery..... | 301 | 788 | 2.62 |
| 73 | 36792 | Capacitors for Electronic Applications..... | 184 | 478 | 2.60 |
| 74 | 32911 | Nonmetallic Artificial Sized Grains, Powders and Flour Abrasives..... | 39 | 101 | 2.59 |
| 75 | 33574 | Communication Wire and Cable..... | 365 | 948 | 2.59 |
| 76 | 33524 | Rolled Aluminum Rod, Bar, and Structural Shapes..... | 111 | 282 | 2.56 |
| 77 | 33512 | Rolled, Drawn, and Extruded Copper and Copper-Base Alloy Mill Products..... | 987 | 2,513 | 2.55 |
| 78 | 34990 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 79 | 26414 | Pressure Sensitive Tape..... | 183 | 465 | 2.53 |
| 80 | 33920 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 81 | 34970 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 82 | 35851 | Heat Transfer Equipment..... | 716 | 1,808 | 2.53 |
| 83 | 38611 | Still Picture Equipment..... | 179 | 454 | 2.53 |
| 84 | 32293 | Glass Fiber..... | 60 | 150 | 2.52 |
| 85 | 36794 | Coils, Transformers, Reactors, and Chokes for Electronic Applications..... | 192 | 484 | 2.52 |
| 86 | 36293 | Other Electrical Equipment for Industrial Use..... | 77 | 193 | 2.51 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 87 | 33577 | Magnet Wire..... | 183 | 458 | 2.50 |
| 88 | 26552 | Fiber Cans, Tubes and Other Fiber Products..... | 134 | 333 | 2.49 |
| 89 | 25111 | Radio, Phonograph, and Television Wood Cabinets..... | 114 | 283 | 2.48 |
| 90 | 25224 | Other Metal Office Furniture including Tables, Stands, etc..... | 34 | 85 | 2.48 |
| 91 | 34613 | Job Stampings, Automotive..... | 551 | 1,369 | 2.48 |
| 92 | 36214 | Prime Mover Generator Sets excluding Steam or Hydraulic Turbine..... | 74 | 182 | 2.47 |
| 93 | 38423 | Personal Industrial Safety Devices..... | 56 | 139 | 2.47 |
| 94 | 26416 | Other Coated and Processed Paper, Except Wrappers..... | 135 | 332 | 2.46 |
| 95 | 35483 | Acetylene Welding and Cutting Apparatus..... | 38 | 94 | 2.46 |
| 96 | 36134 | Fuses and Fuse Equipment, Under 2,300 Volts..... | 31 | 76 | 2.46 |
| 97 | 28518 | Putty, Caulking Compounds and Allied Products..... | 65 | 160 | 2.45 |
| 98 | 20372 | Frozen Vegetables..... | 231 | 565 | 2.44 |
| 99 | 22562 | Circular Knit Fabrics..... | 245 | 598 | 2.44 |
| 100 | 27524 | Financial and Legal..... | 50 | 122 | 2.43 |
| 101 | 34790 | Metal Coating, Engraving and Allied Services, n.e.c..... | 184 | 447 | 2.43 |
| 102 | 38615 | Photographic Sensitized Film and Plates..... | 396 | 960 | 2.43 |
| 103 | 20515 | Pastries and Cookies..... | 40 | 97 | 2.42 |
| 104 | 24262 | Hardwood Dimension Stock, Furniture Parts, and Vehicle Stock..... | 103 | 248 | 2.41 |
| 105 | 28443 | Hair Preparations (including Shampoos)..... | 316 | 761 | 2.41 |
| 106 | 36511 | Household and Automobile Radios, and Radio-Phonograph Combinations..... | 345 | 830 | 2.41 |
| 107 | 37172 | Truck Tractors, Truck Chassis and Trucks (Chassis of Own Manufacture)..... | 1,934 | 4,656 | 2.41 |
| 108 | 26462 | Other Pressed and Molded Pulp Goods..... | 51 | 122 | 2.40 |
| 109 | 27611 | Continuous Business Forms..... | 169 | 407 | 2.40 |
| 110 | 35453 | Other Attachments and Accessories for Machine Tools and Metalworking Machinery..... | 96 | 231 | 2.40 |
| 111 | 35857 | Other Refrigeration and Air Conditioning Equipment..... | 195 | 469 | 2.40 |
| 112 | 1925A | R and D on Guided Missiles and Space Vehicles and All Other Serv. on Complete Missiles and Space Vehicles (including 19253 and 19255)..... | 986 | 2,353 | 2.39 |
| 113 | 19251 | Guided Missiles and Space Vehicles, Completed..... | 901 | 2,156 | 2.39 |
| 114 | 25222 | Desks..... | 66 | 158 | 2.38 |
| 115 | 38617 | Sensitized Photographic Paper and Cloth, Other Than Silver Halide Type..... | 82 | 196 | 2.38 |
| 116 | 2299A | Bonded Fiber Fabrics (Non-Woven Textiles) and Textile Goods, n.e.c., n.s.k. (including 22991 and 22990)..... | 70 | 165 | 2.37 |
| 117 | 32316 | Other Glass Products, Made of Purchased Glass..... | 157 | 372 | 2.37 |
| 118 | 2253V | Knit Outerwear Sport Shirts (including 22532, 23212, 23312 and 23612)..... | 219 | 517 | 2.36 |
| 119 | 32926 | Vinyl Asbestos Floor Tile..... | 67 | 157 | 2.36 |
| 120 | 3331V | Refined Copper (including 33312 and 33412)..... | 480 | 1,129 | 2.35 |
| 121 | 35622 | Roller Bearings, Complete..... | 269 | 633 | 2.35 |
| 122 | 37177 | Rebuilt Automotive Parts (excluding Carburetors)..... | 80 | 188 | 2.35 |
| 123 | 34510 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 124 | 20154 | Canned Poultry..... | 26 | 60 | 2.33 |
| 125 | 36113 | Other Electrical Measuring Instruments..... | 140 | 326 | 2.33 |
| 126 | 36425 | Outdoor Lighting Equipment..... | 76 | 178 | 2.33 |
| 127 | 39530 | Hand Stamps, Stencils, and Other Marking Devices..... | 59 | 137 | 2.33 |
| 128 | 35423 | Other Metal-Forming Machines..... | 61 | 141 | 2.32 |
| 129 | 3532A | Other Mining Machinery and Equipment n.s.k. including Parts and Attachments for Mining Machinery including 35320, 35323 and 35324..... | 143 | 330 | 2.31 |
| 130 | 36443 | Other Noncurrent Carrying Wiring Devices and Supplies..... | 59 | *137 | *2.31 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|---|-----------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 131 | 37510 | Bicycles, Motorcycles, Motorbikes, Scooters and Pts..... | 106 | 245 | 2.31 |
| 132 | 28445 | Other Cosmetics and Toilet Preparations..... | 418 | 961 | 2.30 |
| 133 | 33610 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 134 | 37171 | Passenger Cars, Knocked Down or Assembled..... | 9,218 | 21,157 | 2.30 |
| 135 | 35311 | Contractors' Off-Highway Wheel Tractors, excluding Parts and Attachments..... | 90 | 206 | 2.29 |
| 136 | 35720 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 137 | 20874 | Other Flavoring Agents, Except Chocolate Sirups..... | 163 | 371 | 2.28 |
| 138 | 3357X | Appliance Wire and Cord and Flexible Cord Sets (including 33576 and 36996)..... | 127 | 288 | 2.27 |
| 139 | 34441 | Sheet Metal Roofing, Siding and Drainage Equipment..... | 186 | 422 | 2.27 |
| 140 | 36343 | Other Small Household Electric Appliances..... | 336 | 764 | 2.27 |
| 141 | 35416 | Milling Machines..... | 89 | 202 | 2.26 |
| 142 | 36912 | Storage Batteries (Other Than Sli Type) including Parts for Storage Batteries, All Types..... | 79 | 177 | 2.26 |
| 143 | 28411 | Alkaline Detergents and Acid-Type Cleaners..... | 144 | 326 | 2.25 |
| 144 | 35624 | Ball and Roller Bearings Parts and Components..... | 41 | 92 | 2.25 |
| 145 | 36942 | Battery Charging Generators..... | 105 | 236 | 2.25 |
| 146 | 37130 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 147 | 3799A | Other Transportation Equipment, and Transportation Equip- ment, n.e.c. and n.s.k. (including 37992 and 37990)..... | 77 | 174 | 2.25 |
| 148 | 20872 | Beverage Bases, Except Sirups and Concentrated Fruit Juices..... | 59 | 132 | 2.24 |
| 149 | 29115 | Liquified Petroleum Gases Made in Refineries..... | 560 | 1,253 | 2.24 |
| 150 | 35411 | Boring Machines..... | 52 | 115 | 2.24 |
| 151 | 36220 | General Industry Power Circuit Devices and Controls..... | 447 | 1,002 | 2.24 |
| 152 | 36393 | Other Household Appliances and Parts..... | 131 | 294 | 2.24 |
| 153 | 38711 | Clocks..... | 111 | 250 | 2.24 |
| 154 | 26452 | Pasted, Lined, Laminated or Surface Coated Paperboard..... | 57 | 127 | 2.23 |
| 155 | 27315 | General Books (Trade), etc..... | 275 | 611 | 2.23 |
| 156 | 35482 | Power-Driven Hand Tool, including Parts and Attachments... | 211 | 470 | 2.23 |
| 157 | 36943 | Cranking Motors..... | 82 | 184 | 2.23 |
| 158 | 22561 | Warp-Knit Fabrics..... | 217 | 482 | 2.22 |
| 159 | 27316 | Other Books and Pamphlets..... | 96 | 213 | 2.22 |
| 160 | 30692 | Rubber Hose and Tubing..... | 181 | 400 | 2.22 |
| 161 | 35642 | Dust Collection, Air Purification Equipment and Air Washers..... | 70 | 156 | 2.22 |
| 162 | 33220 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 163 | 33996 | Heat Treating of Steel for the Trade..... | 85 | 188 | 2.20 |
| 164 | 35662 | Speed Changers, Industrial High Speed Drives and Gears.... | 234 | 515 | 2.20 |
| 165 | 36422 | Commercial and Institutional Type Electric Fixtures..... | 168 | 370 | 2.20 |
| 166 | 3519A | Diesel and Semidiesel Internal Combustion Engines, (in- cluding 35192 and 35194)..... | 314 | 690 | 2.19 |
| 167 | 35318 | Scrapers, Graders, Rollers and Off-Highway Trucks, Trailers, and Wagons (excluding Parts) (See 35319)..... | 326 | 712 | 2.19 |
| 168 | 3589A | Commercial Cooking and Food Warming Equipment, Service In- dustry Machines and Parts (including 35891 and 35892).... | 209 | 458 | 2.19 |
| 169 | 33526 | Aluminum Tube..... | 90 | 195 | 2.18 |
| 170 | 35591 | Chemical Manufacturing Industries Machinery and Equipment | 118 | 258 | 2.18 |
| 171 | 35671 | Electric Industrial Furnaces and Ovens, Metal Processing.. | 36 | 78 | 2.18 |
| 172 | 25113 | Wood Dining Room and Kitchen Furniture (excluding Cabinets)..... | 167 | 362 | 2.17 |
| 173 | 33230 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 174 | 33525 | Extruded Aluminum Rod, Bar and Other Extruded Shapes..... | 272 | 591 | 2.17 |
| 175 | 34231 | Mechanics' Hand Service Tools..... | 188 | 409 | 2.17 |
| 176 | 35334 | Other Oil and Gas Field Machinery and Tools..... | 41 | 88 | 2.17 |
| 177 | 37175 | Parts and Accessories for Passenger Cars, Trucks and Buses Shipped to Motor Vehicle Manufactures..... | 7,327 | 15,894 | 2.17 |
| 178 | 28441 | Shaving Preparations..... | 75 | 162 | 2.16 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|---|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 179 | 23113 | Men's Tailored Dress and Sport Coats and Jackets..... | 147 | 317 | 2.15 |
| 180 | 28191 | Synthetic Ammonia, Nitric Acid, and Ammonium Compounds.... | 365 | 785 | 2.15 |
| 181 | 32912 | Nonmetallic Bonded Abrasive Products, including Diamond Abrasives..... | 164 | 353 | 2.15 |
| 182 | 39111 | Jewelry, Made of Platinum Metals and Carat Gold..... | 195 | 419 | 2.15 |
| 183 | 28153 | Synthetic Organic Pigments, Lakes, and Toners..... | 80 | 172 | 2.14 |
| 184 | 30793 | Laminated Sheets, Rods and Tubes..... | 163 | 349 | 2.14 |
| 185 | 34291 | Transportation Equipment Hardware..... | 472 | 1,009 | 2.14 |
| 186 | 35595 | Other Special Industrial Machinery and Equipment..... | 415 | 886 | 2.14 |
| 187 | 20922 | Other Soybean Oil Mill Products..... | 487 | 1,036 | 2.13 |
| 188 | 32962 | Mineral Wool for Industrial and Equipment Insulation..... | 142 | 302 | 2.13 |
| 189 | 36930 | X-Ray Equipment, including X-ray Tubes and Electrothera- peutic Apparatus..... | 73 | 156 | 2.13 |
| 190 | 28198 | Chemical Catalytic Preparations..... | 56 | 119 | 2.12 |
| 191 | 35552 | Other Printing Trades Machinery, including Parts and Attachments..... | 156 | 330 | 2.12 |
| 192 | 23850 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 193 | 33560 | Nonferrous Metal Rolling and Drawing, n.e.c., including Nonferrous Wire n.e.c. made in Rolling Mills, n.e.c. (See 33575)..... | 428 | 903 | 2.11 |
| 194 | 3357V | Aluminum and Aluminum-Base Alloy Wire (including ACSR) (including 33521 and 33571)..... | 101 | 212 | 2.11 |
| 195 | 35551 | Printing Presses..... | 94 | 199 | 2.11 |
| 196 | 36233 | Resistance Welders, Components, Accessories and Electrodes | 48 | 101 | 2.11 |
| 197 | 36945 | Other Complete Electrical Equipment for Internal Combustion Engines..... | 134 | 282 | 2.11 |
| 198 | 24321 | Hardwood Plywood..... | 183 | 383 | 2.10 |
| 199 | 25126 | Furniture Frames for Household Furniture..... | 36 | 77 | 2.10 |
| 200 | 25221 | Chairs, Stools, Couches, etc., including Upholstered..... | 59 | 123 | 2.10 |

*Transportation equipment, instruments, and ordnance industries are underscored.

Section II.—Profiles of Transportation Equipment, Instruments, and Ordnance Manufacturing

Table II-1a.—GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, TRANSPORTATION EQUIPMENT

Note: Data for 1964 and 1965 may be subject to high standard errors of estimate. Consult Chapter 8 of the Annual Survey of Manufactures 1964-65 for standard errors of estimate.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1958..... | 17,229 | 87,433 | 14,501 | 30,108 | 68,443 | 104,147 | 5,075 | 4,720 | 7,182 | 1.52 | 2.27 | 2,076 |
| 1963..... | 15,977 | 93,877 | 11,927 | 23,989 | 62,836 | 142,419 | 5,876 | 5,268 | 11,941 | 2.27 | 2.62 | 2,011 |
| 1964..... | 13,233 | 81,809 | 11,301 | 22,935 | 60,062 | 140,190 | 6,182 | 5,315 | 12,405 | 2.33 | 2.62 | 2,029 |
| 1965..... | 19,295 | 119,197 | 14,918 | 29,398 | 82,472 | 181,987 | 6,178 | 5,528 | 12,199 | 2.21 | 2.81 | 1,971 |
| Alaska: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 65 | 377 | 55 | 109 | 326 | 482 | 5,800 | 5,927 | 8,764 | 1.48 | 2.99 | 1,982 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 5,784 | 46,590 | 4,577 | 9,640 | 35,516 | 78,398 | 8,055 | 7,760 | 17,129 | 2.21 | 3.68 | 2,106 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arkansas: | | | | | | | | | | | | |
| 1958..... | 1,076 | 3,404 | 948 | 1,653 | 2,761 | 6,092 | 3,164 | 2,912 | 6,426 | 2.21 | 1.67 | 1,744 |
| 1963..... | 2,146 | 8,729 | 1,852 | 3,625 | 6,646 | 16,006 | 4,068 | 3,589 | 8,643 | 2.41 | 1.83 | 1,957 |
| 1964..... | 2,490 | 11,131 | 2,133 | 4,239 | 8,570 | 21,895 | 4,470 | 4,018 | 10,265 | 2.55 | 2.02 | 1,987 |
| 1965..... | 2,573 | 10,986 | 2,215 | 4,672 | 8,811 | 21,990 | 4,270 | 3,978 | 9,928 | 2.50 | 1.89 | 2,109 |
| California: | | | | | | | | | | | | |
| 1958..... | 264,550 | 1,683,901 | 175,110 | 360,377 | 965,750 | 2,525,462 | 6,365 | 5,515 | 14,422 | 2.62 | 2.68 | 2,058 |
| 1963..... | 203,860 | 1,645,109 | 125,605 | 262,840 | 867,840 | 2,683,680 | 8,070 | 6,909 | 21,366 | 3.09 | 3.30 | 2,093 |
| 1964..... | 202,583 | 1,887,434 | 124,527 | 259,087 | 840,795 | 2,786,983 | 8,329 | 6,752 | 22,381 | 3.31 | 3.25 | 2,081 |
| 1965..... | 211,115 | 1,805,400 | 139,182 | 294,882 | 1,006,226 | 3,000,342 | 8,552 | 7,230 | 21,557 | 2.98 | 3.41 | 2,119 |
| Colorado: | | | | | | | | | | | | |
| 1958..... | 2,568 | 13,999 | 1,915 | 3,973 | 8,926 | 42,755 | 5,451 | 4,661 | 22,326 | 4.79 | 2.25 | 2,075 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 70,612 | 399,899 | 50,969 | 107,940 | 258,176 | 586,552 | 5,663 | 5,065 | 11,508 | 2.27 | 2.39 | 2,118 |
| 1963..... | 85,301 | 620,089 | 55,347 | 121,124 | 349,176 | 906,774 | 7,269 | 6,309 | 16,383 | 2.60 | 2.88 | 2,188 |
| 1964..... | 83,135 | 630,997 | 51,465 | 110,804 | 334,269 | 908,971 | 7,590 | 6,495 | 17,662 | 2.72 | 3.02 | 2,153 |
| 1965..... | 88,074 | 692,605 | 56,112 | 120,892 | 383,175 | 1,088,379 | 7,864 | 6,829 | 19,397 | 2.84 | 3.17 | 2,154 |
| Florida: | | | | | | | | | | | | |
| 1958..... | 9,647 | 41,290 | 7,857 | 14,971 | 31,166 | 56,442 | 4,280 | 3,967 | 7,184 | 1.81 | 2.08 | 1,905 |
| 1963..... | 16,737 | 100,805 | 11,319 | 23,562 | 59,140 | 134,286 | 6,023 | 5,225 | 11,864 | 2.27 | 2.51 | 2,082 |
| 1964..... | 16,488 | 105,118 | 11,058 | 23,358 | 60,393 | 140,490 | 6,375 | 5,461 | 12,705 | 2.33 | 2.59 | 2,112 |
| 1965..... | 18,647 | 121,134 | 13,465 | 28,039 | 72,474 | 168,199 | 6,496 | 5,382 | 12,492 | 2.32 | 2.58 | 2,082 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, TRANSPORTATION EQUIPMENT--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker | |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---|--|-------|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | | |
| Georgia: | 1958..... | 24,630 | 145,830 | 18,130 | 35,278 | 89,202 | 256,141 | 5,921 | 4,920 | 14,128 | 2.87 | 2.53 | 1,946 |
| | 1963..... | 30,357 | 224,514 | 21,227 | 46,793 | 143,451 | 514,266 | 7,396 | 6,758 | 24,227 | 3.58 | 3.07 | 2,204 |
| | 1964..... | 33,198 | 249,255 | 23,614 | 49,899 | 156,131 | 550,071 | 7,508 | 6,612 | 23,294 | 3.52 | 3.13 | 2,113 |
| | 1965..... | 38,713 | 297,579 | 28,283 | 60,088 | 186,659 | 700,417 | 7,687 | 6,600 | 24,765 | 3.75 | 3.11 | 2,125 |
| | | | | | | | | | | | | | |
| Hawaii: | 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 1963..... | 101 | 585 | 81 | 146 | 444 | 990 | 5,792 | 5,481 | 12,222 | 2.23 | 3.04 | 1,802 |
| | 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | | | | | | | | | | | | | |
| Idaho: | 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 1963..... | 812 | 4,204 | 684 | 1,366 | 3,035 | 5,394 | 5,177 | 4,437 | 7,886 | 1.78 | 2.22 | 1,977 |
| | 1964..... | 742 | 3,610 | 610 | 1,179 | 2,386 | 5,235 | 4,865 | 3,911 | 8,582 | 2.19 | 2.02 | 1,933 |
| | 1965..... | 723 | 3,216 | 640 | 1,212 | 2,343 | 6,850 | 4,448 | 3,661 | 10,703 | 2.92 | 1.93 | 1,894 |
| | | | | | | | | | | | | | |
| Illinois: | 1958..... | 44,673 | 255,425 | 32,610 | 65,440 | 170,016 | 535,606 | 5,718 | 5,214 | 16,425 | 3.15 | 2.60 | 2,007 |
| | 1963..... | 40,819 | 284,588 | 31,653 | 67,073 | 202,451 | 601,088 | 6,971 | 6,396 | 18,990 | 2.97 | 3.02 | 2,119 |
| | 1964..... | 42,786 | 322,095 | 33,223 | 72,962 | 230,930 | 687,310 | 7,528 | 6,951 | 20,688 | 2.98 | 3.17 | 2,196 |
| | 1965..... | 49,627 | 377,010 | 39,696 | 86,294 | 279,187 | 821,942 | 7,597 | 7,033 | 20,706 | 2.94 | 3.24 | 2,174 |
| | | | | | | | | | | | | | |
| Indiana: | 1958..... | 79,749 | 454,322 | 56,366 | 109,081 | 293,501 | 757,779 | 5,697 | 5,207 | 13,444 | 2.58 | 2.69 | 1,935 |
| | 1963..... | 91,203 | 631,077 | 70,937 | 144,215 | 451,029 | 1,119,585 | 6,919 | 6,358 | 15,783 | 2.48 | 3.13 | 2,033 |
| | 1964..... | 90,956 | 656,267 | 70,365 | 148,040 | 468,294 | 1,207,433 | 7,215 | 6,655 | 17,160 | 2.58 | 3.16 | 2,104 |
| | 1965..... | 93,988 | 711,051 | 74,342 | 155,346 | 523,639 | 1,348,776 | 7,565 | 7,044 | 18,143 | 2.58 | 3.37 | 2,090 |
| | | | | | | | | | | | | | |
| Iowa: | 1958..... | 3,883 | 20,159 | 3,192 | 6,598 | 14,717 | 30,983 | 5,192 | 4,611 | 9,706 | 2.11 | 2.23 | 2,067 |
| | 1963..... | 2,644 | 14,068 | 2,108 | 4,218 | 9,349 | 26,781 | 5,321 | 4,435 | 12,704 | 2.86 | 2.22 | 2,001 |
| | 1964..... | 3,002 | 16,738 | 2,380 | 5,034 | 11,236 | 29,491 | 5,576 | 4,721 | 12,391 | 2.62 | 2.23 | 2,115 |
| | 1965..... | 3,247 | 18,463 | 2,593 | 5,813 | 12,294 | 37,977 | 5,686 | 4,741 | 14,646 | 3.09 | 2.11 | 2,242 |
| | | | | | | | | | | | | | |
| Kansas: | 1958..... | 44,890 | 246,023 | 33,022 | 66,472 | 171,451 | 394,929 | 5,481 | 5,192 | 11,960 | 2.30 | 2.58 | 2,013 |
| | 1963..... | 34,610 | 246,107 | 26,501 | 56,300 | 167,383 | 446,673 | 7,111 | 6,316 | 16,855 | 2.67 | 2.97 | 2,124 |
| | 1964..... | 38,230 | 273,628 | 29,323 | 62,194 | 197,572 | 489,783 | 7,157 | 6,738 | 16,703 | 2.48 | 3.18 | 2,121 |
| | 1965..... | 35,179 | 258,003 | 26,743 | 56,779 | 178,470 | 489,050 | 7,334 | 6,674 | 18,287 | 2.74 | 3.14 | 2,123 |
| | | | | | | | | | | | | | |
| Kentucky: | 1958..... | 4,594 | 24,388 | 3,640 | 7,744 | 18,244 | 71,593 | 5,309 | 5,012 | 19,668 | 3.92 | 2.36 | 2,127 |
| | 1963..... | 5,674 | 39,712 | 4,583 | 10,572 | 29,861 | 209,745 | 6,999 | 6,516 | 45,766 | 7.02 | 2.82 | 2,307 |
| | 1964..... | 5,805 | 42,454 | 4,718 | 10,986 | 35,586 | 215,780 | 7,313 | 7,543 | 45,735 | 6.06 | 3.24 | 2,329 |
| | 1965..... | 7,630 | 54,182 | 6,334 | 14,360 | 40,929 | 277,351 | 7,101 | 6,462 | 43,788 | 6.78 | 2.85 | 2,267 |
| | | | | | | | | | | | | | |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, TRANSPORTATION EQUIPMENT--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Louisiana: | | | | | | | | | | | | |
| 1958..... | 6,987 | 34,026 | 5,865 | 11,042 | 26,532 | 49,437 | 4,870 | 4,524 | 8,429 | 1.86 | 2.40 | 1,883 |
| 1963..... | 11,327 | 77,957 | 9,332 | 21,963 | 67,888 | 112,083 | 6,882 | 7,275 | 12,011 | 1.65 | 3.09 | 2,354 |
| 1964..... | 16,709 | 135,928 | 10,059 | 22,311 | 58,625 | 252,332 | 8,135 | 5,828 | 25,085 | 4.30 | 2.63 | 2,218 |
| 1965..... | 18,301 | 127,609 | 12,069 | 27,023 | 75,492 | 255,800 | 6,973 | 6,255 | 21,195 | 3.39 | 2.79 | 2,239 |
| Maine: | | | | | | | | | | | | |
| 1958..... | 5,324 | 25,732 | 4,794 | 9,656 | 21,576 | 42,901 | 4,833 | 4,501 | 8,949 | 1.99 | 2.23 | 2,014 |
| 1963..... | 4,355 | 24,315 | 3,645 | 7,257 | 19,446 | 40,088 | 5,583 | 5,335 | 10,998 | 2.06 | 2.68 | 1,991 |
| 1964..... | 4,538 | 25,418 | 3,835 | 7,746 | 20,724 | 37,755 | 5,601 | 5,404 | 9,845 | 1.82 | 2.68 | 2,020 |
| 1965..... | 4,926 | 27,685 | 4,177 | 8,485 | 22,370 | 38,537 | 5,620 | 5,356 | 9,226 | 1.72 | 2.64 | 2,031 |
| Maryland: | | | | | | | | | | | | |
| 1958..... | 43,723 | 245,495 | 31,358 | 58,214 | 156,575 | 394,831 | 5,615 | 4,993 | 12,591 | 2.52 | 2.69 | 1,856 |
| 1963..... | 31,671 | 234,291 | 20,898 | 43,065 | 136,696 | 403,388 | 7,398 | 6,541 | 19,303 | 2.95 | 3.17 | 2,061 |
| 1964..... | 27,296 | 204,888 | 17,850 | 36,230 | 118,445 | 385,599 | 7,505 | 6,636 | 21,602 | 3.26 | 3.27 | 2,030 |
| 1965..... | 21,373 | 157,223 | 16,817 | 34,580 | 115,676 | 327,747 | 7,356 | 6,879 | 19,489 | 2.83 | 3.35 | 2,056 |
| Massachusetts: | | | | | | | | | | | | |
| 1958..... | 22,830 | 135,032 | 14,714 | 29,623 | 80,081 | 243,151 | 5,915 | 5,443 | 16,525 | 3.04 | 2.70 | 2,013 |
| 1963..... | 19,227 | 141,374 | 12,189 | 25,748 | 80,958 | 247,919 | 7,353 | 6,642 | 20,340 | 3.06 | 3.14 | 2,112 |
| 1964..... | 18,189 | 132,120 | 12,839 | 26,668 | 81,029 | 231,198 | 7,264 | 6,311 | 18,007 | 2.85 | 3.04 | 2,077 |
| 1965..... | 24,743 | 181,454 | 17,710 | 36,630 | 115,383 | 342,289 | 7,334 | 6,515 | 19,327 | 2.97 | 3.15 | 2,068 |
| Michigan: | | | | | | | | | | | | |
| 1958..... | 252,370 | 1,493,738 | 199,382 | 392,691 | 1,109,318 | 2,749,241 | 5,919 | 5,564 | 13,789 | 2.48 | 2.82 | 1,970 |
| 1963..... | 282,115 | 2,229,495 | 231,118 | 520,096 | 1,741,722 | 5,091,546 | 7,903 | 7,536 | 22,030 | 2.92 | 3.35 | 2,250 |
| 1964..... | 303,757 | 2,468,926 | 250,389 | 556,360 | 1,937,295 | 5,606,739 | 8,128 | 7,737 | 22,392 | 2.89 | 3.48 | 2,222 |
| 1965..... | 347,657 | 2,974,960 | 289,484 | 644,654 | 2,354,927 | 6,942,132 | 8,557 | 8,135 | 23,981 | 2.95 | 3.65 | 2,227 |
| Minnesota: | | | | | | | | | | | | |
| 1958..... | 8,739 | 46,296 | 7,091 | 14,184 | 34,534 | 97,821 | 5,298 | 4,870 | 13,795 | 2.83 | 2.43 | 2,000 |
| 1963..... | 7,976 | 54,851 | 6,548 | 13,930 | 42,507 | 130,358 | 6,877 | 6,492 | 19,908 | 3.07 | 3.05 | 2,127 |
| 1964..... | 7,863 | 54,651 | 6,215 | 13,364 | 41,429 | 112,025 | 6,950 | 6,666 | 18,025 | 2.70 | 3.10 | 2,150 |
| 1965..... | 8,384 | 61,016 | 6,771 | 14,723 | 45,462 | 153,060 | 7,278 | 6,714 | 22,605 | 3.37 | 3.09 | 2,174 |
| Mississippi: | | | | | | | | | | | | |
| 1958..... | 11,340 | 61,471 | 10,232 | 20,625 | 56,617 | 70,287 | 5,421 | 5,533 | 6,869 | 1.24 | 2.75 | 2,016 |
| 1963..... | 8,304 | 47,892 | 6,655 | 12,816 | 33,289 | 60,370 | 5,767 | 5,002 | 9,071 | 1.81 | 2.60 | 1,926 |
| 1964..... | 8,852 | 52,515 | 6,811 | 13,582 | 35,624 | 80,830 | 5,934 | 5,230 | 11,868 | 2.27 | 2.62 | 1,994 |
| 1965..... | 11,784 | 69,541 | 9,968 | 19,303 | 52,725 | 71,242 | 5,901 | 5,289 | 7,147 | 1.35 | 2.73 | 1,936 |
| Missouri: | | | | | | | | | | | | |
| 1958..... | 52,012 | 288,431 | 36,918 | 72,312 | 178,027 | 563,922 | 5,545 | 4,822 | 15,275 | 3.17 | 2.46 | 1,959 |
| 1963..... | 58,206 | 436,006 | 41,084 | 89,498 | 270,314 | 998,328 | 7,491 | 6,580 | 24,300 | 3.69 | 3.02 | 2,178 |
| 1964..... | 64,876 | 486,494 | 43,865 | 93,245 | 291,187 | 1,096,774 | 7,499 | 6,638 | 25,003 | 3.77 | 3.12 | 2,126 |
| 1965..... | 72,932 | 554,329 | 59,712 | 102,101 | 333,758 | 1,234,690 | 7,601 | 6,581 | 24,347 | 3.70 | 3.27 | 2,013 |

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| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Montana: | | | | | | | | | | | | |
| 1958..... | 53 | 231 | 45 | 88 | 160 | 444 | 4,358 | 3,556 | 9,867 | 2.77 | 1.82 | 1,956 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nebraska: | | | | | | | | | | | | |
| 1958..... | 2,064 | 9,357 | 1,668 | 3,493 | 6,490 | 16,724 | 4,533 | 3,891 | 10,026 | 2.58 | 1.86 | 2,094 |
| 1963..... | 3,401 | 17,636 | 2,691 | 5,688 | 11,843 | 34,095 | 5,186 | 4,401 | 12,670 | 2.88 | 2.08 | 2,114 |
| 1964..... | 3,061 | 17,176 | 2,385 | 4,909 | 11,014 | 33,820 | 5,611 | 4,618 | 14,180 | 3.07 | 2.24 | 2,058 |
| 1965..... | 2,895 | 15,392 | 2,366 | 4,871 | 11,172 | 35,739 | 5,317 | 4,722 | 15,105 | 3.20 | 2.29 | 2,059 |
| New Hampshire: | | | | | | | | | | | | |
| 1958..... | 65 | 215 | 55 | 117 | 184 | 670 | 3,308 | 3,345 | 12,182 | 3.64 | 1.57 | 2,127 |
| 1963..... | 99 | 438 | 88 | 171 | 373 | 683 | 4,424 | 4,239 | 7,761 | 1.83 | 2.18 | 1,943 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Jersey: | | | | | | | | | | | | |
| 1958..... | 50,959 | 295,740 | 36,884 | 72,839 | 199,209 | 575,378 | 5,803 | 5,401 | 15,600 | 2.89 | 2.73 | 1,975 |
| 1963..... | 39,471 | 278,873 | 28,258 | 59,387 | 189,185 | 620,314 | 7,065 | 6,695 | 21,952 | 3.28 | 3.19 | 2,102 |
| 1964..... | 35,708 | 264,940 | 26,131 | 54,667 | 181,233 | 590,067 | 7,420 | 6,936 | 22,581 | 3.26 | 3.32 | 2,092 |
| 1965..... | 37,968 | 297,865 | 28,520 | 61,873 | 209,470 | 710,236 | 7,845 | 7,345 | 24,903 | 3.39 | 3.39 | 2,169 |
| New Mexico: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 128 | 727 | 103 | 205 | 569 | 1,316 | 5,680 | 5,524 | 12,777 | 2.31 | 2.78 | 1,990 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| New York: | | | | | | | | | | | | |
| 1958..... | 104,735 | 628,628 | 75,895 | 146,951 | 407,460 | 959,939 | 6,002 | 5,369 | 12,648 | 2.36 | 2.77 | 1,936 |
| 1963..... | 102,192 | 788,102 | 72,641 | 154,733 | 507,320 | 1,389,645 | 7,712 | 6,984 | 19,130 | 2.74 | 3.28 | 2,130 |
| 1964..... | 94,451 | 755,410 | 66,203 | 140,309 | 474,864 | 1,310,265 | 7,998 | 7,173 | 19,792 | 2.76 | 3.38 | 2,119 |
| 1965..... | 94,958 | 777,690 | 68,860 | 145,595 | 502,808 | 1,693,287 | 8,190 | 7,302 | 24,590 | 3.37 | 3.45 | 2,114 |
| North Carolina: | | | | | | | | | | | | |
| 1958..... | 2,344 | 8,373 | 1,955 | 3,438 | 6,128 | 15,791 | 3,572 | 3,135 | 8,077 | 2.58 | 1.78 | 1,759 |
| 1963..... | 4,742 | 22,383 | 3,659 | 7,727 | 16,040 | 39,026 | 4,720 | 4,384 | 10,666 | 2.43 | 2.08 | 2,112 |
| 1964..... | 4,884 | 22,232 | 3,825 | 7,809 | 15,055 | 43,551 | 4,552 | 3,936 | 11,386 | 2.89 | 1.93 | 2,042 |
| 1965..... | 4,973 | 24,803 | 3,962 | 8,480 | 18,051 | 58,273 | 4,988 | 4,556 | 14,708 | 3.23 | 2.13 | 2,140 |
| North Dakota: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 11 | 41 | 8 | 16 | 30 | 134 | 3,727 | 3,750 | 16,750 | 4.47 | 1.88 | 2,000 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

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| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per pro- duction worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---|---|---|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Ohio: | | | | | | | | | | | | |
| 1958..... | 151,552 | 932,429 | 106,321 | 216,895 | 595,115 | 1,566,867 | 6,153 | 5,597 | 14,737 | 2.63 | 2.74 | 2,040 |
| 1963..... | 166,485 | 1,243,587 | 124,904 | 266,059 | 866,226 | 2,489,887 | 7,470 | 6,935 | 19,934 | 2.87 | 3.26 | 2,130 |
| 1964..... | 165,643 | 1,265,277 | 123,979 | 259,719 | 882,472 | 2,582,075 | 7,639 | 7,118 | 20,827 | 2.93 | 3.40 | 2,095 |
| 1965..... | 176,998 | 1,435,962 | 134,687 | 290,000 | 1,018,703 | 2,874,045 | 8,113 | 7,563 | 21,339 | 2.82 | 3.51 | 2,153 |
| Oklahoma: | | | | | | | | | | | | |
| 1958..... | 10,162 | 58,474 | 8,032 | 16,640 | 42,336 | 71,496 | 5,754 | 5,271 | 8,901 | 1.69 | 2.54 | 2,072 |
| 1963..... | 7,801 | 49,710 | 5,903 | 11,961 | 31,052 | 67,542 | 6,372 | 5,260 | 11,442 | 2.18 | 2.60 | 2,026 |
| 1964..... | 10,648 | 71,339 | 7,179 | 15,119 | 39,077 | 90,338 | 6,700 | 5,443 | 12,584 | 2.31 | 2.58 | 2,106 |
| 1965..... | 12,300 | 85,835 | 8,449 | 17,949 | 48,121 | 113,833 | 6,978 | 5,695 | 13,473 | 2.37 | 2.68 | 2,124 |
| Oregon: | | | | | | | | | | | | |
| 1958..... | 3,849 | 20,421 | 3,089 | 5,624 | 14,750 | 33,851 | 5,306 | 4,775 | 10,959 | 2.29 | 2.62 | 1,821 |
| 1963..... | 5,055 | 30,074 | 4,037 | 7,644 | 22,764 | 50,745 | 5,949 | 5,639 | 12,570 | 2.23 | 2.98 | 1,893 |
| 1964..... | 6,363 | 42,125 | 5,173 | 10,014 | 32,658 | 66,724 | 6,620 | 6,313 | 12,899 | 2.04 | 3.26 | 1,936 |
| 1965..... | 6,522 | 43,067 | 5,335 | 9,960 | 33,378 | 80,782 | 6,603 | 6,256 | 15,142 | 2.42 | 3.35 | 1,867 |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 54,626 | 315,792 | 38,999 | 76,689 | 205,077 | 515,312 | 5,781 | 5,259 | 13,213 | 2.51 | 2.67 | 1,966 |
| 1963..... | 66,339 | 465,191 | 44,793 | 90,472 | 274,359 | 733,011 | 7,012 | 6,125 | 16,364 | 2.67 | 3.03 | 2,020 |
| 1964..... | 69,370 | 511,099 | 48,775 | 98,824 | 314,963 | 810,981 | 7,368 | 6,457 | 16,627 | 2.57 | 3.19 | 2,026 |
| 1965..... | 77,374 | 592,007 | 54,782 | 110,992 | 365,785 | 939,788 | 7,651 | 6,677 | 17,155 | 2.57 | 3.30 | 2,026 |
| South Carolina: | | | | | | | | | | | | |
| 1958..... | 621 | 2,168 | 526 | 1,324 | 1,564 | 3,265 | 3,491 | 2,973 | 6,207 | 2.09 | 1.18 | 2,517 |
| 1963..... | 932 | 4,090 | 798 | 1,682 | 3,216 | 7,439 | 4,388 | 4,030 | 9,322 | 2.31 | 1.91 | 2,108 |
| 1964..... | 994 | 4,465 | 849 | 1,763 | 3,409 | 8,459 | 4,492 | 4,015 | 9,963 | 2.48 | 1.93 | 2,077 |
| 1965..... | 1,026 | 4,490 | 764 | 1,734 | 3,209 | 16,250 | 4,376 | 4,200 | 21,270 | 5.06 | 1.85 | 2,270 |
| South Dakota: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 172 | 611 | 150 | 301 | 499 | 1,899 | 3,552 | 3,327 | 12,660 | 3.81 | 1.66 | 2,007 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee: | | | | | | | | | | | | |
| 1958..... | 5,617 | 23,901 | 4,513 | 9,013 | 16,558 | 43,658 | 4,255 | 3,669 | 9,674 | 2.64 | 1.84 | 1,997 |
| 1963..... | 11,053 | 53,076 | 8,976 | 17,544 | 35,134 | 94,890 | 4,802 | 3,914 | 10,572 | 2.70 | 2.00 | 1,955 |
| 1964..... | 11,581 | 58,371 | 9,140 | 18,583 | 39,646 | 115,343 | 5,040 | 4,338 | 12,620 | 2.91 | 2.13 | 2,033 |
| 1965..... | 14,217 | 71,085 | 11,348 | 23,062 | 50,312 | 133,981 | 5,000 | 4,434 | 11,807 | 2.66 | 2.18 | 2,032 |
| Texas: | | | | | | | | | | | | |
| 1958..... | 64,847 | 376,059 | 47,255 | 91,926 | 249,622 | 608,318 | 5,799 | 5,282 | 12,873 | 2.44 | 2.72 | 1,945 |
| 1963..... | 50,099 | 361,697 | 31,816 | 66,544 | 190,967 | 615,617 | 7,220 | 6,002 | 19,349 | 3.22 | 2.87 | 2,092 |
| 1964..... | 56,326 | 427,674 | 35,807 | 75,349 | 227,865 | 809,481 | 7,593 | 6,364 | 22,607 | 3.55 | 3.02 | 2,104 |
| 1965..... | 60,329 | 461,506 | 39,646 | 82,995 | 260,136 | 874,997 | 7,650 | 6,561 | 22,070 | 3.36 | 3.13 | 2,093 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, TRANSPORTATION EQUIPMENT--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per pro- duction worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---|---|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Utah: | | | | | | | | | | | | |
| 1958..... | 1,413 | 9,383 | 887 | 1,827 | 4,139 | 9,693 | 6,640 | 4,666 | 10,928 | 2.34 | 2.27 | 2,060 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Virginia: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 25,432 | 173,062 | 22,732 | 46,208 | 149,402 | 263,314 | 6,805 | 6,572 | 11,583 | 1.76 | 3.23 | 2,033 |
| 1964..... | 27,260 | 198,431 | 24,176 | 51,716 | 170,138 | 279,159 | 7,279 | 7,037 | 11,547 | 1.64 | 3.29 | 2,139 |
| 1965..... | 26,923 | 201,248 | 23,850 | 50,359 | 171,631 | 299,845 | 7,475 | 7,196 | 12,572 | 1.75 | 3.41 | 2,111 |
| Washington: | | | | | | | | | | | | |
| 1958..... | 69,744 | 431,334 | 45,880 | 95,010 | 233,156 | 626,046 | 6,185 | 5,082 | 13,645 | 2.69 | 2.45 | 2,071 |
| 1963..... | 33,565 | 259,009 | 20,915 | 41,948 | 135,162 | 539,866 | 7,717 | 6,462 | 25,812 | 3.99 | 3.22 | 2,006 |
| 1964..... | 76,545 | 587,151 | 37,751 | 76,826 | 242,566 | 1,094,796 | 7,671 | 6,425 | 29,000 | 4.51 | 3.16 | 2,035 |
| 1965..... | 67,230 | 580,731 | 34,925 | 68,596 | 233,708 | 995,379 | 8,638 | 6,692 | 28,500 | 4.26 | 3.41 | 1,964 |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 1,602 | 8,408 | 1,180 | 2,392 | 6,174 | 12,071 | 5,248 | 5,232 | 10,230 | 1.96 | 2.58 | 2,027 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 32,681 | 174,640 | 27,408 | 54,397 | 139,823 | 357,798 | 5,344 | 5,102 | 13,055 | 2.56 | 2.57 | 1,985 |
| 1963..... | 42,975 | 291,835 | 37,292 | 77,226 | 243,346 | 734,560 | 6,791 | 6,525 | 19,698 | 3.02 | 3.15 | 2,071 |
| 1964..... | 41,568 | 278,179 | 35,300 | 69,822 | 226,894 | 637,440 | 6,692 | 6,428 | 18,058 | 2.81 | 3.25 | 1,978 |
| 1965..... | 41,124 | 283,859 | 34,963 | 67,296 | 229,097 | 632,888 | 6,903 | 6,553 | 18,102 | 2.76 | 3.40 | 1,925 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 and 1963-65, INSTRUMENTS, PHOTO AND OPTICAL GOODS, AND WATCHES AND CLOCKS

Note: Data for 1964 and 1965 may be subject to high standard errors of estimate. Consult Chapter 8 of the Annual Survey of Manufactures, 1964-65 for standard errors of estimate.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Arizona: | | | | | | | | | | | | |
| 1958..... | 400 | 2,439 | 262 | 515 | 1,188 | 5,088 | 6,098 | 4,534 | 19,420 | 4.28 | 2.31 | 1,966 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| California: | | | | | | | | | | | | |
| 1958..... | 18,114 | 102,249 | 13,142 | 26,017 | 64,625 | 183,334 | 5,645 | 4,917 | 13,950 | 2.84 | 2.49 | 1,980 |
| 1963..... | 22,464 | 146,300 | 15,246 | 31,624 | 88,135 | 259,519 | 6,513 | 5,781 | 17,022 | 2.94 | 2.79 | 2,074 |
| 1964..... | 23,517 | 167,730 | 14,686 | 28,479 | 89,744 | 294,747 | 7,132 | 6,111 | 20,070 | 3.28 | 3.15 | 1,939 |
| 1965..... | 25,733 | 176,923 | 16,894 | 34,702 | 99,873 | 349,578 | 6,875 | 5,912 | 20,692 | 3.50 | 2.88 | 2,054 |
| Colorado: | | | | | | | | | | | | |
| 1958..... | 488 | 2,392 | 356 | 667 | 1,452 | 3,997 | 4,902 | 4,079 | 11,228 | 2.75 | 2.18 | 1,874 |
| 1963..... | 872 | 4,838 | 659 | 1,325 | 3,079 | 9,139 | 5,548 | 4,672 | 13,868 | 2.97 | 2.32 | 2,011 |
| 1964..... | 886 | 5,018 | 670 | 1,355 | 3,155 | 8,365 | 5,664 | 4,709 | 12,485 | 2.65 | 2.33 | 2,022 |
| 1965..... | 959 | 5,739 | 690 | 1,436 | 3,299 | 9,190 | 5,984 | 4,781 | 13,319 | 2.79 | 2.30 | 2,081 |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 18,195 | 84,114 | 12,975 | 25,507 | 52,834 | 132,626 | 4,623 | 4,072 | 10,222 | 2.51 | 2.07 | 1,966 |
| 1963..... | 16,690 | 96,888 | 11,146 | 22,219 | 55,164 | 182,205 | 5,805 | 4,949 | 16,347 | 3.30 | 2.48 | 1,993 |
| 1964..... | 16,973 | 103,223 | 11,266 | 22,475 | 57,591 | 197,081 | 6,082 | 5,112 | 17,493 | 3.42 | 2.56 | 1,995 |
| 1965..... | 17,557 | 113,754 | 11,652 | 23,915 | 62,419 | 214,995 | 6,479 | 5,357 | 18,451 | 3.44 | 2.61 | 2,052 |
| District of Columbia: | | | | | | | | | | | | |
| 1958..... | 96 | 408 | 67 | 133 | 255 | 592 | 4,250 | 3,806 | 8,836 | 2.32 | 1.92 | 1,985 |
| 1963..... | 112 | 503 | 91 | 183 | 385 | 807 | 4,491 | 4,231 | 8,868 | 2.10 | 2.10 | 2,011 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida: | | | | | | | | | | | | |
| 1958..... | 784 | 2,791 | 688 | 1,361 | 2,165 | 3,907 | 3,560 | 3,147 | 5,679 | 1.80 | 1.59 | 1,978 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Illinois: | | | | | | | | | | | | |
| 1958..... | 30,962 | 152,985 | 21,318 | 42,200 | 93,202 | 302,905 | 4,941 | 4,372 | 14,209 | 3.25 | 2.21 | 1,980 |
| 1963..... | 36,592 | 220,951 | 25,031 | 49,835 | 127,400 | 474,806 | 6,038 | 5,090 | 18,969 | 3.73 | 2.56 | 1,991 |
| 1964..... | 36,269 | 227,614 | 24,711 | 50,298 | 130,168 | 527,728 | 6,276 | 5,268 | 21,356 | 4.05 | 2.59 | 2,035 |
| 1965..... | 39,184 | 249,879 | 26,771 | 54,805 | 145,690 | 545,008 | 6,377 | 5,442 | 20,358 | 3.74 | 2.66 | 2,047 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, INSTRUMENTS, PHOTO AND OPTICAL GOODS, AND WATCHES AND CLOCKS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per pro- duction worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Indiana: | | | | | | | | | | | | |
| 1958..... | 3,459 | 15,333 | 2,705 | 5,320 | 10,809 | 31,417 | 4,433 | 3,996 | 11,614 | 2.91 | 2.03 | 1,967 |
| 1963..... | 4,638 | 23,841 | 3,605 | 7,127 | 16,575 | 95,804 | 5,140 | 4,598 | 26,575 | 5.78 | 2.33 | 1,977 |
| 1964..... | 4,308 | 22,573 | 3,278 | 6,640 | 15,160 | 70,833 | 5,240 | 4,625 | 21,609 | 4.67 | 2.28 | 2,026 |
| 1965..... | 4,614 | 26,370 | 3,511 | 7,182 | 17,627 | 83,722 | 5,715 | 5,021 | 23,846 | 4.75 | 2.45 | 2,046 |
| Iowa: | | | | | | | | | | | | |
| 1958..... | 1,749 | 8,340 | 1,036 | 2,124 | 4,512 | 11,781 | 4,768 | 4,355 | 11,372 | 2.61 | 2.12 | 2,050 |
| 1963..... | 2,447 | 14,948 | 1,514 | 3,175 | 7,712 | 26,867 | 6,109 | 5,094 | 17,746 | 3.48 | 2.43 | 2,097 |
| 1964..... | 2,442 | 15,037 | 1,461 | 3,109 | 7,780 | 26,967 | 6,158 | 5,325 | 18,458 | 3.47 | 2.50 | 2,128 |
| 1965..... | 2,481 | 16,028 | 1,578 | 3,326 | 8,425 | 29,823 | 6,460 | 5,339 | 18,899 | 3.54 | 2.53 | 2,108 |
| Kansas: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 301 | 1,469 | 201 | 387 | 749 | 1,993 | 4,880 | 3,726 | 9,915 | 2.66 | 1.94 | 1,925 |
| 1964..... | 335 | 1,526 | 223 | 461 | 921 | 2,507 | 4,555 | 4,130 | 11,242 | 2.72 | 2.00 | 2,067 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Kentucky: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 939 | 3,814 | 811 | 1,728 | 2,950 | 9,666 | 4,062 | 3,637 | 11,919 | 3.28 | 1.71 | 2,131 |
| 1964..... | 1,045 | 4,335 | 909 | 1,862 | 3,491 | 10,123 | 4,148 | 3,840 | 11,136 | 2.90 | 1.87 | 2,048 |
| 1965..... | 1,436 | 5,571 | 1,300 | 2,598 | 4,427 | 10,732 | 3,880 | 3,405 | 8,255 | 2.42 | 1.70 | 1,998 |
| Louisiana: | | | | | | | | | | | | |
| 1958..... | 194 | 818 | 115 | 213 | 429 | 1,665 | 4,216 | 3,730 | 14,478 | 3.88 | 2.01 | 1,852 |
| 1963..... | 464 | 2,279 | 284 | 602 | 1,141 | 4,837 | 4,912 | 4,018 | 17,032 | 4.24 | 1.90 | 2,120 |
| 1964..... | 401 | 2,089 | 256 | 527 | 1,074 | 3,360 | 5,209 | 4,195 | 13,125 | 3.13 | 2.04 | 2,059 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Maryland: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 1,848 | 9,665 | 1,428 | 2,709 | 6,385 | 20,409 | 5,230 | 4,471 | 14,292 | 3.20 | 2.36 | 1,897 |
| 1964..... | 1,862 | 10,511 | 1,448 | 2,938 | 7,186 | 18,649 | 5,645 | 4,963 | 12,879 | 2.60 | 2.45 | 2,029 |
| 1965..... | 2,138 | 12,962 | 1,541 | 3,064 | 8,090 | 20,769 | 6,063 | 5,250 | 13,478 | 2.57 | 2.64 | 1,988 |
| Massachusetts: | | | | | | | | | | | | |
| 1958..... | 21,012 | 100,728 | 14,648 | 29,429 | 59,699 | 210,045 | 4,794 | 4,076 | 14,340 | 3.52 | 2.03 | 2,009 |
| 1963..... | 28,431 | 169,452 | 18,566 | 37,235 | 92,188 | 343,078 | 5,960 | 4,965 | 18,479 | 3.72 | 2.48 | 2,006 |
| 1964..... | 28,009 | 176,534 | 18,406 | 38,037 | 95,847 | 376,203 | 6,303 | 5,207 | 20,439 | 3.93 | 2.52 | 2,067 |
| 1965..... | 27,514 | 188,851 | 18,557 | 38,642 | 100,506 | 450,747 | 6,864 | 5,416 | 24,290 | 4.48 | 2.60 | 2,082 |
| Michigan: | | | | | | | | | | | | |
| 1958..... | 8,746 | 49,542 | 6,203 | 13,040 | 32,316 | 83,176 | 5,665 | 5,210 | 13,409 | 2.57 | 2.48 | 2,102 |
| 1963..... | 13,304 | 91,134 | 10,168 | 20,279 | 63,788 | 148,352 | 6,850 | 6,273 | 14,590 | 2.33 | 3.15 | 1,994 |
| 1964..... | 13,919 | 98,399 | 10,703 | 22,197 | 70,136 | 173,922 | 7,069 | 6,553 | 16,250 | 2.48 | 3.16 | 2,074 |
| 1965..... | 14,789 | 108,955 | 10,509 | 22,647 | 78,104 | 211,061 | 7,367 | 7,432 | 20,084 | 2.70 | 3.45 | 2,155 |

Table II-lb.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, INSTRUMENTS, PHOTO AND OPTICAL GOODS, AND WATCHES AND CLOCKS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | |
| Minnesota: | 12,223 | 67,058 | 6,990 | 14,024 | 31,057 | 117,343 | 5,486 | 4,443 | 16,787 | 3.78 | 2,006 |
| | 8,348 | 53,070 | 5,335 | 10,969 | 29,462 | 103,510 | 6,357 | 5,522 | 19,402 | 3.51 | 2,056 |
| | 8,236 | 53,578 | 5,198 | 10,517 | 29,348 | 108,418 | 6,505 | 5,646 | 20,858 | 3.69 | 2,023 |
| | 7,556 | 50,702 | 5,253 | 10,258 | 29,115 | 104,009 | 6,710 | 5,543 | 19,800 | 3.57 | 1,953 |
| | | | | | | | | | | | |
| Mississippi: | 72 | 236 | 58 | 114 | 162 | 453 | 3,278 | 2,793 | 7,810 | 2.80 | 1,966 |
| | 245 | 930 | 217 | 475 | 744 | 1,560 | 3,796 | 3,429 | 7,189 | 2.10 | 2,189 |
| | 674 | 2,661 | 566 | 1,103 | 1,784 | 5,766 | 3,948 | 3,152 | 10,187 | 3.23 | 1,949 |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Missouri: | 3,227 | 15,061 | 2,319 | 4,632 | 9,579 | 27,606 | 4,667 | 4,131 | 11,904 | 2.88 | 1,997 |
| | 3,667 | 20,658 | 2,747 | 5,421 | 13,369 | 44,485 | 5,633 | 4,867 | 16,194 | 3.33 | 1,973 |
| | 3,709 | 21,725 | 2,753 | 5,584 | 14,033 | 46,487 | 5,857 | 5,097 | 16,886 | 3.31 | 2,028 |
| | 4,388 | 24,774 | 3,358 | 6,524 | 16,331 | 48,224 | 5,646 | 4,863 | 14,361 | 2.95 | 1,943 |
| Nebraska: | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 1,340 | 5,487 | 1,225 | 2,528 | 4,910 | 22,593 | 4,095 | 4,008 | 18,443 | 4.60 | 2,064 |
| | 1,421 | 6,100 | 1,294 | 2,657 | 5,411 | 25,002 | 4,293 | 4,182 | 19,321 | 4.62 | 2,053 |
| | 1,452 | 6,253 | 1,316 | 2,632 | 5,477 | 26,998 | 4,306 | 4,162 | 22,035 | 5.29 | 2,000 |
| New Hampshire: | 267 | 1,047 | 219 | 425 | 751 | 1,917 | 3,921 | 3,429 | 8,753 | 2.55 | 1,941 |
| | 664 | 3,135 | 509 | 1,038 | 1,939 | 5,592 | 4,721 | 3,809 | 10,986 | 2.88 | 2,039 |
| | 490 | 2,337 | 362 | 728 | 1,395 | 3,662 | 4,769 | 3,854 | 10,116 | 2.63 | 2,011 |
| | 523 | 2,732 | 375 | 757 | 1,525 | 4,956 | 5,224 | 4,067 | 13,216 | 3.25 | 2,019 |
| New Jersey: | 26,885 | 155,262 | 18,130 | 35,799 | 89,539 | 248,277 | 5,775 | 4,939 | 13,694 | 2.77 | 1,975 |
| | 17,259 | 116,616 | 11,038 | 22,143 | 58,922 | 224,699 | 6,757 | 5,338 | 20,357 | 3.81 | 2,006 |
| | 17,224 | 122,228 | 10,748 | 21,796 | 61,346 | 225,898 | 7,096 | 5,708 | 21,018 | 3.68 | 2,028 |
| | 18,055 | 132,368 | 11,056 | 21,807 | 61,947 | 238,866 | 7,331 | 5,603 | 21,605 | 3.86 | 1,972 |
| New York: | 84,632 | 502,306 | 56,209 | 108,307 | 282,061 | 979,398 | 5,935 | 5,018 | 17,424 | 3.47 | 1,927 |
| | 75,499 | 547,830 | 49,050 | 96,796 | 295,596 | 1,259,704 | 7,256 | 6,026 | 25,682 | 4.26 | 1,973 |
| | 75,195 | 566,160 | 49,428 | 97,990 | 308,393 | 1,406,663 | 7,529 | 6,239 | 28,459 | 4.56 | 1,982 |
| | 77,300 | 621,749 | 51,640 | 104,311 | 336,136 | 1,634,524 | 8,043 | 6,509 | 31,652 | 4.86 | 2,020 |
| North Carolina: | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 3,135 | 14,576 | 2,086 | 4,244 | 7,306 | 24,320 | 4,649 | 3,502 | 11,659 | 3.33 | 2,035 |
| | 2,588 | 12,746 | 1,996 | 4,057 | 7,731 | 42,176 | 4,925 | 3,873 | 21,130 | 5.46 | 2,033 |
| | 3,268 | 15,663 | 2,506 | 4,858 | 9,438 | 56,722 | 4,793 | 3,766 | 22,634 | 6.01 | 1,939 |
| | | | | | | | | | | | |

Table II-b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, INSTRUMENTS, PHOTO AND OPTICAL GOODS, AND WATCHES AND CLOCKS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per pro- duction worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Ohio: | | | | | | | | | | | | |
| 1958..... | 9,606 | 45,730 | 6,351 | 12,597 | 25,185 | 77,393 | 4,761 | 3,966 | 12,186 | 3.07 | 2.00 | 1,983 |
| 1963..... | 11,207 | 61,809 | 7,125 | 13,896 | 32,311 | 111,310 | 5,515 | 4,535 | 15,622 | 3.44 | 2.33 | 1,950 |
| 1964..... | 11,301 | 64,347 | 7,122 | 13,904 | 33,623 | 117,088 | 5,694 | 4,721 | 16,440 | 3.48 | 2.42 | 1,952 |
| 1965..... | 11,853 | 71,327 | 7,523 | 14,863 | 35,838 | 129,968 | 6,018 | 4,764 | 17,276 | 3.63 | 2.41 | 1,976 |
| Oregon: | | | | | | | | | | | | |
| 1958..... | 570 | 2,824 | 375 | 749 | 1,645 | 4,901 | 4,954 | 4,387 | 13,069 | 2.98 | 2.20 | 1,997 |
| 1963..... | 903 | 4,905 | 671 | 1,282 | 3,038 | 10,880 | 5,432 | 4,528 | 16,215 | 3.58 | 2.37 | 1,911 |
| 1964..... | 962 | 5,302 | 721 | 1,381 | 3,209 | 13,471 | 5,511 | 4,451 | 18,684 | 4.20 | 2.32 | 1,915 |
| 1965..... | 1,331 | 7,496 | 1,070 | 2,035 | 5,172 | 19,193 | 5,632 | 4,834 | 17,937 | 3.71 | 2.54 | 1,902 |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 23,264 | 117,501 | 15,272 | 29,842 | 68,005 | 207,697 | 5,051 | 4,453 | 13,600 | 3.05 | 2.28 | 1,954 |
| 1963..... | 24,287 | 148,817 | 17,284 | 34,366 | 92,431 | 306,625 | 6,127 | 5,348 | 17,740 | 3.32 | 2.69 | 1,988 |
| 1964..... | 25,373 | 159,711 | 17,946 | 35,717 | 100,329 | 328,723 | 6,295 | 5,591 | 18,317 | 3.28 | 2.81 | 1,990 |
| 1965..... | 28,108 | 181,701 | 20,204 | 40,323 | 112,617 | 378,961 | 6,464 | 5,574 | 18,757 | 3.37 | 2.79 | 1,996 |
| Rhode Island: | | | | | | | | | | | | |
| 1958..... | 2,866 | 12,590 | 2,146 | 4,078 | 7,783 | 19,320 | 4,393 | 3,627 | 9,003 | 2.48 | 1.91 | 1,900 |
| 1963..... | 3,467 | 16,838 | 2,716 | 5,397 | 11,673 | 27,844 | 4,857 | 4,298 | 10,252 | 2.39 | 2.16 | 1,987 |
| 1964..... | 3,700 | 18,201 | 2,981 | 5,759 | 13,092 | 28,382 | 4,919 | 4,392 | 9,521 | 2.17 | 2.27 | 1,932 |
| 1965..... | 3,801 | 20,163 | 2,977 | 5,956 | 14,286 | 35,960 | 5,305 | 4,799 | 12,079 | 2.52 | 2.40 | 2,001 |
| South Carolina: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 1,720 | 6,397 | 1,506 | 3,093 | 5,055 | 13,551 | 3,719 | 3,357 | 8,998 | 2.68 | 1.63 | 2,054 |
| 1964..... | 1,721 | 6,961 | 1,490 | 3,087 | 5,326 | 18,270 | 4,045 | 3,574 | 12,262 | 3.43 | 1.73 | 2,072 |
| 1965..... | 2,108 | 8,402 | 1,829 | 3,779 | 6,848 | 22,032 | 3,986 | 3,744 | 12,046 | 3.22 | 1.81 | 2,066 |
| Tennessee: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 2,188 | 11,389 | 1,687 | 3,194 | 7,142 | 23,486 | 5,205 | 4,234 | 13,922 | 3.29 | 2.24 | 1,893 |
| 1964..... | 2,326 | 12,196 | 1,846 | 3,664 | 7,876 | 26,493 | 5,243 | 4,267 | 14,352 | 3.36 | 2.15 | 1,985 |
| 1965..... | 2,576 | 13,418 | 2,027 | 3,924 | 9,206 | 30,008 | 5,209 | 4,542 | 14,804 | 3.26 | 2.35 | 1,936 |
| Texas: | | | | | | | | | | | | |
| 1958..... | 4,592 | 20,326 | 3,396 | 6,755 | 12,452 | 47,309 | 4,426 | 3,667 | 13,931 | 3.80 | 1.84 | 1,989 |
| 1963..... | 4,197 | 19,982 | 3,326 | 6,543 | 14,027 | 44,435 | 4,761 | 4,217 | 13,360 | 3.17 | 2.14 | 1,967 |
| 1964..... | 4,381 | 23,015 | 3,460 | 6,987 | 15,837 | 50,364 | 5,253 | 4,577 | 14,556 | 3.18 | 2.27 | 2,019 |
| 1965..... | 5,343 | 25,129 | 4,117 | 7,781 | 16,195 | 69,749 | 4,703 | 3,934 | 16,942 | 4.31 | 2.08 | 1,890 |
| Utah: | | | | | | | | | | | | |
| 1958..... | 34 | 84 | 28 | 39 | 60 | 157 | 2,471 | 2,143 | 5,607 | 2.62 | 1.54 | 1,393 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, INSTRUMENTS, PHOTO AND OPTICAL GOODS, AND WATCHES AND CLOCKS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| | | | | | | | | | | | | |
| Virginia: | | | | | | | | | | | | |
| 1958..... | 1,671 | 5,714 | 1,334 | 2,645 | 3,742 | 8,807 | 3,420 | 2,805 | 6,602 | 2.35 | 1.41 | 1,983 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 355 | 1,170 | 308 | 678 | 904 | 1,653 | 3,296 | 2,935 | 5,367 | 1.83 | 1.33 | 2,201 |
| 1963..... | 793 | 2,403 | 662 | 1,323 | 1,889 | 4,528 | 3,030 | 2,853 | 6,840 | 2.40 | 1.43 | 1,998 |
| 1964..... | 774 | 2,689 | 690 | 1,408 | 2,181 | 3,914 | 3,474 | 3,161 | 5,672 | 1.79 | 1.55 | 2,041 |
| 1965..... | 907 | 3,906 | 819 | 1,577 | 2,412 | 5,971 | 4,307 | 2,945 | 7,291 | 2.48 | 1.53 | 1,926 |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 10,676 | 62,256 | 6,842 | 13,888 | 33,397 | 100,884 | 5,831 | 4,881 | 14,745 | 3.02 | 2.40 | 2,030 |
| 1963..... | 6,251 | 35,457 | 4,256 | 8,537 | 21,391 | 72,310 | 5,672 | 5,026 | 16,990 | 3.38 | 2.51 | 2,006 |
| 1964..... | 6,729 | 39,418 | 4,513 | 9,265 | 22,556 | 76,963 | 5,858 | 4,998 | 17,054 | 3.41 | 2.43 | 2,053 |
| 1965..... | 8,157 | 47,286 | 5,502 | 11,010 | 28,270 | 98,167 | 5,797 | 5,138 | 17,842 | 3.47 | 2.57 | 2,001 |

Table II-1c.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1963-65,¹ ORDINANCE AND ACCESSORIES

NOTE: Data for 1964 and 1965 may be subject to high standard errors of estimate. Consult Chapter 8 of the Annual Survey of Manufactures, 1964-65 for standard errors of estimate.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|-------------------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| California: | | | | | | | | | | | | |
| 1963..... | 136,342 | 1,209,043 | 54,060 | 109,310 | 394,431 | 1,742,508 | 8,868 | 7,296 | 37,233 | 4,418 | 3.61 | 2,022 |
| 1964..... | 132,876 | 1,203,399 | 47,398 | 95,364 | 361,902 | 1,871,604 | 9,057 | 7,635 | 39,487 | 5,172 | 3.79 | 2,012 |
| 1965..... | 116,855 | 1,170,163 | 46,098 | 95,954 | 373,375 | 1,790,302 | 10,014 | 8,100 | 38,837 | 4,795 | 3.89 | 2,082 |
| Connecticut: | | | | | | | | | | | | |
| 1963..... | 8,099 | 49,084 | 6,245 | 12,404 | 33,658 | 79,563 | 6,061 | 5,390 | 12,740 | 2,364 | 2.71 | 1,986 |
| 1964 ² | 8,939 | 55,024 | 6,765 | 13,941 | 41,114 | 107,906 | 6,155 | 6,077 | 15,951 | 2,625 | 2.95 | 2,061 |
| 1965..... | 8,631 | 58,057 | 6,756 | 13,705 | 41,370 | 104,150 | 6,727 | 6,123 | 15,416 | 2,518 | 3.02 | 2,029 |
| Michigan: | | | | | | | | | | | | |
| 1963..... | 2,182 | 14,909 | 1,286 | 2,646 | 7,856 | 30,137 | 6,833 | 6,109 | 23,435 | 3,836 | 2.97 | 2,058 |
| 1964..... | 2,021 | 16,158 | 1,268 | 2,466 | 8,670 | 24,369 | 7,995 | 6,838 | 19,218 | 2,811 | 3.52 | 1,945 |
| 1965..... | 2,212 | 17,800 | 1,397 | 2,839 | 9,562 | 28,354 | 8,047 | 6,845 | 20,296 | 2,965 | 3.57 | 2,032 |
| Nebraska: | | | | | | | | | | | | |
| 1963..... | 119 | 513 | 101 | 227 | 361 | 558 | 4,311 | 3,574 | 5,525 | 1,546 | 1.59 | 2,248 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | (S) | (S) | (S) | (S) | (S) | (S) | (S) | (S) | (S) | (S) | (S) | (S) |
| New York: | | | | | | | | | | | | |
| 1963..... | 4,877 | 30,751 | 3,573 | 6,946 | 20,017 | 48,383 | 6,305 | 5,602 | 13,541 | 2,417 | 2.88 | 1,944 |
| 1964..... | 4,630 | 29,905 | 3,493 | 6,874 | 20,313 | 58,904 | 6,459 | 5,815 | 16,863 | 2,900 | 2.96 | 1,968 |
| 1965..... | 4,728 | 29,890 | 3,549 | 7,033 | 21,029 | 52,605 | 6,322 | 5,925 | 14,822 | 2,502 | 2.99 | 1,982 |
| Ohio: | | | | | | | | | | | | |
| 1963..... | 6,212 | 44,104 | 3,779 | 7,596 | 24,144 | 79,703 | 7,100 | 6,389 | 21,091 | 3,301 | 3.18 | 2,010 |
| 1964..... | 5,560 | 38,224 | 3,190 | 6,288 | 19,268 | 62,852 | 6,875 | 6,040 | 19,703 | 3,262 | 3.06 | 1,971 |
| 1965..... | 3,569 | 27,170 | 1,970 | 4,016 | 12,943 | 52,003 | 7,613 | 6,570 | 26,397 | 4,018 | 3.22 | 2,039 |
| Pennsylvania: | | | | | | | | | | | | |
| 1963..... | 3,713 | 20,546 | 3,030 | 6,459 | 15,524 | 38,171 | 5,534 | 5,123 | 12,598 | 2,459 | 2.40 | 2,132 |
| 1964..... | 3,229 | 24,694 | 2,346 | 4,944 | 12,820 | 38,831 | 7,648 | 5,465 | 16,552 | 3,029 | 2.59 | 2,107 |
| 1965..... | 5,568 | 34,655 | 4,033 | 8,779 | 21,583 | 56,433 | 6,224 | 5,352 | 13,993 | 2,615 | 2.46 | 2,177 |

(S)--Suppressed because high standard errors associated with data.

(D)--Disclosure.

¹Data are not available for 1958 because data for SICs 19 and 39 were shown on a combined basis in that year.²Either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

Table II-2a.--CAPITAL EXPENDITURES AND SELECTED RATIOS, TRANSPORTATION EQUIPMENT, BY STATE, 1958 AND 1963-65

| Industry and state | Capital expenditures (millions of dollars) | | | | | Average annual capital expenditures per \$1,000 of value added 1963-65 (dollars) | Average annual capital expenditures per production worker, 1963-65 (dollars) | Percent distribution of transportation equipment capital expenditures, 1963-65 |
|---------------------------------|--|---------------|----------|----------|----------|--|--|--|
| | 1958 | Total 1963-65 | 1963 | 1964 | 1965 | | | |
| All manufacturing | 9,075.8 | 41,291.1 | 11,397.3 | 13,287.2 | 16,606.6 | 66 | 1,095 | ..... |
| Transportation equipment, total | 608.3 | 3,953.4 | 1,022.0 | 1,260.9 | 1,670.5 | 53 | 1,099 | 100.0 |
| Alabama..... | 2.1 | 14.9 | 3.2 | 3.3 | 8.4 | 32 | 390 | 0.4 |
| Alaska..... | n.a. | n.a. | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | (D) | n.a. | 2.2 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arkansas..... | 0.5 | n.a. | 0.8 | n.a. | n.a. | n.a. | n.a. | n.a. |
| California..... | 80.2 | 338.1 | 156.7 | 96.6 | 84.8 | 40 | 869 | 8.6 |
| Colorado..... | 0.7 | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Connecticut..... | 29.7 | 126.5 | 39.2 | 32.3 | 55.0 | 44 | 776 | 3.2 |
| Delaware..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| District of Columbia | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida..... | 4.3 | 22.2 | 7.5 | 7.8 | 6.9 | 50 | 619 | 0.6 |
| Georgia..... | 25.5 | 67.5 | 11.6 | 20.8 | 35.1 | 38 | 923 | 1.7 |
| Hawaii..... | n.a. | n.a. | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Idaho..... | (D) | n.a. | 0.5 | 0.3 | (*) | n.a. | n.a. | n.a. |
| Illinois..... | 16.2 | 159.2 | 24.9 | 68.3 | 66.0 | 75 | 1,522 | 4.0 |
| Indiana..... | 39.2 | 254.7 | 51.3 | 84.4 | 119.0 | 69 | 1,181 | 6.4 |
| Iowa..... | 1.5 | 4.7 | 1.2 | 1.4 | 2.1 | 50 | 664 | 0.1 |
| Kansas..... | 2.9 | n.a. | 8.4 | n.a. | 10.4 | n.a. | n.a. | n.a. |
| Kentucky..... | 1.0 | 13.6 | 4.7 | 2.8 | 6.1 | 19 | 870 | 0.3 |
| Louisiana..... | 1.8 | 12.4 | 3.0 | 3.6 | 5.8 | 20 | 394 | 0.3 |
| Maine..... | 1.2 | 4.3 | 1.0 | 1.6 | 1.7 | 37 | 369 | 0.1 |
| Maryland..... | 12.4 | 28.2 | 10.5 | 11.0 | 6.7 | 25 | 507 | 0.7 |
| Massachusetts..... | 7.0 | 23.3 | 6.8 | 7.9 | 8.6 | 28 | 545 | 0.6 |
| Michigan..... | 103.9 | 1,340.0 | 294.5 | 422.0 | 623.5 | 76 | 1,738 | 33.8 |
| Minnesota..... | 1.4 | 10.4 | 3.1 | 3.5 | 3.8 | 26 | 532 | 0.3 |
| Mississippi..... | 2.8 | 11.4 | 3.1 | 4.3 | 4.0 | 54 | 486 | 0.3 |
| Missouri..... | 31.2 | 122.9 | 54.7 | 32.4 | 35.8 | 37 | 905 | 3.1 |
| Montana..... | (Z) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nebraska..... | 1.0 | 2.3 | 0.7 | 0.8 | 0.8 | 22 | 309 | 0.1 |
| Nevada..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire..... | (Z) | n.a. | (Z) | n.a. | (*) | n.a. | n.a. | n.a. |
| New Jersey..... | 13.5 | 74.8 | 25.6 | 29.8 | 19.4 | 39 | 902 | 1.9 |
| New Mexico..... | (D) | n.a. | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. |
| New York..... | 30.3 | 286.2 | 66.2 | 112.3 | 107.7 | 65 | 1,378 | 7.2 |
| North Carolina..... | 0.7 | 8.7 | 2.8 | 1.8 | 4.1 | 62 | 760 | 0.2 |
| North Dakota..... | (D) | n.a. | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Ohio..... | 107.9 | 447.1 | 94.7 | 121.7 | 230.7 | 56 | 1,166 | 11.3 |
| Oklahoma..... | 1.0 | 17.2 | 7.9 | 3.5 | 5.8 | 63 | 799 | 0.4 |
| Oregon..... | 1.0 | n.a. | 3.3 | 4.3 | n.a. | n.a. | n.a. | n.a. |
| Pennsylvania..... | 17.7 | 114.1 | 31.1 | 38.0 | 45.0 | 46 | 769 | 2.9 |
| Rhode Island..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| South Carolina..... | (Z) | 3.1 | 0.4 | 0.5 | 2.2 | 96 | 1,286 | 0.1 |
| South Dakota..... | (D) | n.a. | 0.1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee..... | 4.1 | 21.8 | 8.2 | 6.5 | 7.1 | 63 | 740 | 0.5 |
| Texas..... | 20.9 | 100.1 | 19.5 | 29.9 | 50.7 | 44 | 933 | 2.5 |
| Utah..... | 2.8 | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Vermont..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Virginia..... | (D) | 35.2 | 6.8 | 19.5 | 8.9 | 42 | 497 | 0.9 |
| Washington..... | 19.0 | 112.4 | 22.3 | 28.0 | 62.1 | 43 | 1,201 | 2.8 |
| West Virginia..... | 0.9 | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Wisconsin..... | 10.6 | 83.0 | 24.5 | 33.9 | 24.6 | 41 | 771 | 2.1 |
| Wyoming..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-2b.--CAPITAL EXPENDITURES AND SELECTED RATIOS, INSTRUMENTS, PHOTO AND OPTICAL GOODS,
BY STATE, 1958 AND 1963-65

| Industry and state | Capital expenditures (millions of dollars) | | | | | Average annual capital expenditures per \$1,000 of value added 1963-65 (dollars) | Average annual capital expenditures per production worker, 1963-65 (dollars) | Percent distribution of instruments, photos and optical goods, capital expenditures, 1963-65 |
|--|--|---------------|----------|----------|----------|--|--|--|
| | 1958 | Total 1963-65 | 1963 | 1964 | 1965 | | | |
| All manufacturing | 9,075.8 | 41,291.1 | 11,397.3 | 13,287.2 | 16,606.6 | 66 | 1,095 | ..... |
| Instruments, Photo & optical goods; watches & clocks, total..... | 123.6 | 584.5 | 191.9 | 160.1 | 232.5 | 44 | 909 | 100.0 |
| Alabama..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Alaska..... | n.a. | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | 0.2 | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arkansas..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| California..... | 6.6 | 39.1 | 12.9 | 12.0 | 14.2 | 43 | 835 | 6.7 |
| Colorado..... | 0.1 | n.a. | 0.3 | (S) | 0.6 | n.a. | n.a. | n.a. |
| Connecticut..... | 5.0 | 27.4 | 8.7 | 8.3 | 10.4 | 46 | 804 | 4.7 |
| Delaware..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| District of Columbia | (Z) | n.a. | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida..... | (Z) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Georgia..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Hawaii..... | n.a. | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Idaho..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Illinois..... | 9.1 | 54.6 | 17.0 | 18.3 | 19.3 | 35 | 714 | 9.3 |
| Indiana..... | 0.8 | 8.7 | 3.5 | 2.5 | 2.7 | 35 | 837 | 1.5 |
| Iowa..... | (D) | 3.3 | 1.4 | 0.9 | 1.0 | 39 | 725 | 0.6 |
| Kansas..... | (D) | n.a. | (Z) | 0.1 | (*) | n.a. | n.a. | n.a. |
| Kentucky..... | (D) | 1.2 | 0.6 | 0.4 | 0.2 | 39 | 397 | 0.2 |
| Louisiana..... | (Z) | n.a. | 0.2 | (Z) | n.a. | n.a. | n.a. | n.a. |
| Maine..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Maryland..... | (D) | 1.6 | 0.5 | 0.4 | 0.7 | 27 | 362 | 0.3 |
| Massachusetts..... | 11.5 | 61.6 | 22.3 | 17.1 | 22.2 | 53 | 1,109 | 10.5 |
| Michigan..... | 1.4 | 33.2 | 8.1 | 9.2 | 15.9 | 62 | 1,058 | 5.7 |
| Minnesota..... | 2.5 | 8.6 | 2.5 | 2.2 | 3.9 | 27 | 545 | 1.5 |
| Mississippi..... | (Z) | n.a. | (Z) | 0.2 | n.a. | n.a. | n.a. | n.a. |
| Missouri..... | 0.8 | 3.1 | 1.1 | 0.7 | 1.3 | 22 | 350 | 0.5 |
| Montana..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nebraska..... | (D) | 3.8 | 1.3 | 1.0 | 1.5 | 50 | 991 | 0.6 |
| Nevada..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire..... | 0.1 | 0.6 | 0.2 | 0.1 | 0.3 | 42 | 481 | 0.1 |
| New Jersey..... | 13.3 | 38.7 | 14.5 | 12.9 | 11.3 | 56 | 1,178 | 6.6 |
| New Mexico..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| New York..... | 41.5 | 189.2 | 65.4 | 36.1 | 87.7 | 44 | 1,260 | 32.4 |
| North Carolina..... | (D) | 8.2 | 2.5 | 2.7 | 3.0 | 66 | 1,245 | 1.4 |
| North Dakota..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Ohio..... | 2.3 | 14.1 | 6.2 | 3.0 | 4.9 | 39 | 648 | 2.4 |
| Oklahoma..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Oregon..... | 0.3 | 3.3 | 0.5 | 0.5 | 2.3 | 76 | 1,340 | 0.6 |
| Pennsylvania..... | 10.4 | 41.0 | 9.7 | 14.6 | 16.7 | 40 | 740 | 7.0 |
| Rhode Island..... | 0.4 | 3.3 | 1.2 | 1.5 | 0.6 | 36 | 380 | 0.6 |
| South Carolina..... | (D) | 2.5 | 1.0 | 0.8 | 0.7 | 46 | 518 | 0.4 |
| South Dakota..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee..... | (D) | 4.9 | 1.2 | 3.0 | 0.7 | 61 | 881 | 0.8 |
| Texas..... | 2.0 | 9.0 | 1.0 | 4.7 | 3.3 | 55 | 825 | 1.5 |
| Utah..... | (Z) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-2b.--CAPITAL EXPENDITURES AND SELECTED RATIOS, INSTRUMENTS, PHOTO AND OPTICAL GOODS,
BY STATE, 1958 AND 1963-65--Con.

| Industry and state | Capital expenditures (millions of dollars) | | | | | Average annual capital expenditures per \$1,000 of value added 1963-65 (dollars) | Average annual capital expenditures per production worker, 1963-65 (dollars) | Percent distribution of instruments, photos and optical goods, capital expenditures, 1963-65 |
|--------------------|--|---------------|------|------|------|--|--|--|
| | 1958 | Total 1963-65 | 1963 | 1964 | 1965 | | | |
| Vermont..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Virginia..... | 1.0 | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Washington..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| West Virginia..... | (Z) | n.a. | 0.2 | (*) | 0.1 | n.a. | n.a. | n.a. |
| Wisconsin..... | 7.3 | 8.6 | 3.0 | 2.4 | 3.2 | 35 | 603 | 1.5 |
| Wyoming..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-2c.--CAPITAL EXPENDITURES AND SELECTED RATIOS, ORDNANCE AND ACCESSORIES, BY STATE,
1958 AND 1963-65

| Industry and state | Capital expenditures (millions of dollars) | | | | | Average annual capital expenditures per \$1,000 of value added 1963-65 (dollars) | Average annual capital expenditures per production worker, 1963-65 (dollars) | Percent distribution of ordnance and accessories capital expenditures, 1963-65 |
|---------------------------------|--|---------------|----------|----------|----------|--|--|--|
| | 1958 | Total 1963-65 | 1963 | 1964 | 1965 | | | |
| All manufacture... | 9,075.8 | 41,167.4 | 11,370.9 | 13,262.3 | 16,534.2 | 66 | 1,094 | ..... |
| Ordnance and accessories, total | n.a. | 299.3 | 88.2 | 116.8 | 94.3 | 34 | 863 | 100.0 |
| California..... | n.a. | 149.4 | 45.7 | 63.7 | 40.0 | 28 | 1,012 | 49.9 |
| Connecticut..... | n.a. | 18.1 | 5.4 | 7.1 | 5.6 | 62 | 916 | *6.0 |
| Michigan..... | n.a. | 1.9 | 0.2 | 0.5 | 1.2 | 23 | 481 | 0.6 |
| Nebraska..... | n.a. | n.a. | (Z) | n.a. | (*) | n.a. | n.a. | n.a. |
| New York..... | n.a. | 7.2 | 2.2 | 3.0 | 2.0 | 45 | 678 | 2.4 |
| Ohio..... | n.a. | (D) | (D) | (D) | (D) | n.a. | n.a. | n.a. |
| Pennsylvania..... | n.a. | 2.1 | 0.5 | 0.6 | 1.0 | 16 | 223 | 0.7 |

Table II-3.--NUMBER OF COMPANIES AND ESTABLISHMENTS, TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND
ORDNANCE, BY FOUR-DIGIT INDUSTRY, 1963

| SIC code | Title | Number of companies | Number of establishments | |
|-------------|---|---------------------------|--------------------------|-------------------------|
| | | | Total | 20 or more employees |
| | TRANSPORTATION EQUIPMENT | | | |
| 3713 | Truck and Bus Bodies..... | 594 | 610 | 208 |
| 3715 | Truck Trailers..... | 175 | 197 | 105 |
| 3717 | Motor Vehicles and Parts..... | 1,655 | 1,958 | 909 |
| 3721 | Aircraft..... | 82 | 100 | 65 |
| 3722 | Aircraft Engines and Parts..... | 194 | 232 | 172 |
| 3723 | Aircraft Propellers and Parts..... | 13 | 14 | 8 |
| 3729 | Aircraft Equipment, n.e.c..... | 935 | 1,000 | 470 |
| 3731 | Ship Building and Repairing..... | 305 | 334 | 200 |
| 3732 | Boat Building and Repairing..... | 1,596 | 1,626 | 268 |
| 3741 | Locomotives and Parts..... | 23 | 24 | 12 |
| 3742 | Railroad and Street Cars..... | 68 | 78 | 58 |
| 3751 | Motorcycles, Bicycles and Parts..... | 85 | 88 | 33 |
| 3791 | Trailer Coaches..... | 348 | 413 | 252 |
| 3799 | Transportation Equipment, n.e.c..... | 507 | 522 | 108 |
| | INSTRUMENTS; PHOTO AND OPTICAL GOODS; AND WATCHES AND CLOCKS | | | |
| 3811 | Scientific Instruments..... | 751 | 594 | 213 |
| 3821 | Mechanical Measuring Devices..... | 510 | 670 | 258 |
| 3822 | Automatic Temperature Controls..... | 89 | 104 | 54 |
| 3831 | Optical Instruments and Lenses..... | 272 | 280 | 79 |
| 3841 | Surgical and Medical Instruments..... | 256 | 294 | 117 |
| 3842 | Surgical Appliances and Supplies..... | 525 | 704 | 162 |
| 3843 | Dental Equipment and Supplies..... | 267 | 316 | 66 |
| 3851 | Ophthalmic Goods..... | 211 | 229 | 109 |
| 3861 | Photographic Equipment..... | 499 | 538 | 187 |
| 3871 | Watches and Clocks..... | 150 | 167 | 76 |
| 3872 | Watchcases..... | 51 | 53 | 22 |
| | ORDNANCE AND ACCESSORIES | | | |
| 191X | Guns, Ordnance and Accessories, n.e.c..... | 54 | 61 | 37 |
| 1925 | Complete Guided Missiles..... | 25 | 31 | 29 |
| 1929 | Ammunition, n.e.c..... | 38 | 44 | 34 |
| 1931 | Tanks and Tank Components..... | 23 | 26 | 19 |
| 1941 | Sighting and Fire Control Equipment..... | 13 | 13 | 8 |
| 1951 | Small Arms, 30 mm. and Under..... | 52 | 52 | 23 |
| 1961 | Small Arms Ammunition..... | 27 | 31 | 13 |

Table II.4.—GENERAL STATISTICS AND SELECTED RATIOS, TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND ORDNANCE,
BY 4-DIGIT INDUSTRY, 1958-66

TRANSPORTATION EQUIPMENT

SIC 3713 TRUCK & BUS BODIES

| | TOTAL EMPLOYMENT | | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL | |
|------|--|----------------------------|--------|--------------------------------------|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL | NUMBER | MAN HOURS | WAGES | ADDED | SHIPMENTS | EXPENDITURES | |
| | | (\$1,000) | | (1,000) | (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) | |
| 1958 | 20,009 | 91,374 | 15,938 | 30,741 | 65,405 | 145,608 | 307,769 | 3,627 | |
| 1959 | 22,815 | 108,904 | 18,007 | 35,681 | 78,045 | 157,582 | 362,803 | N.A. | |
| 1960 | 24,247 | 120,144 | 21,171 | 37,686 | 87,518 | 172,707 | 394,813 | N.A. | |
| 1961 | 23,237 | 115,554 | 18,278 | 36,606 | 80,890 | 160,341 | 374,121 | 33,843 | |
| 1962 | 25,066 | 131,713 | 19,707 | 41,182 | 94,448 | 200,302 | 503,970 | N.A. | |
| 1963 | 24,466 | 133,300 | 19,729 | 40,897 | 98,359 | 229,472 | 476,733 | 6,554 | |
| 1964 | 25,994 | 143,799 | 20,842 | 42,324 | 103,720 | 243,120 | 507,617 | 10,560 | |
| 1965 | 28,032 | 164,807 | 22,535 | 47,283 | 120,728 | 273,240 | 569,788 | 10,140 | |
| 1966 | 31,624 | 191,060 | 25,762 | 53,682 | 139,773 | 322,292 | 718,636 | 38,460 | |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | (\$) | | (\$) | (\$) | (\$) | | (\$) | |
| 1958 | 47.3 | 4,567 | 4,104 | 19,310 | 9,136 | 2,226 | 2.128 | 1,929 | |
| 1959 | 43.4 | 4,773 | 4,334 | 20,148 | 8,751 | 2,019 | 2.187 | 1,982 | |
| 1960 | 43.7 | 4,955 | 4,134 | 18,649 | 8,158 | 1,973 | 2.322 | 1,780 | |
| 1961 | 42.9 | 4,973 | 4,426 | 20,468 | 8,772 | 1,982 | 2.210 | 2,003 | |
| 1962 | 39.7 | 5,255 | 4,793 | 25,573 | 10,164 | 2,121 | 2.293 | 2,090 | |
| 1963 | 48.1 | 5,448 | 4,986 | 24,164 | 11,631 | 2,333 | 2.405 | 2,073 | |
| 1964 | 47.9 | 5,532 | 4,976 | 24,355 | 11,665 | 2,344 | 2.451 | 2,031 | |
| 1965 | 48.0 | 5,879 | 5,357 | 25,285 | 12,125 | 2,263 | 2.553 | 2,098 | |
| 1966 | 44.8 | 6,042 | 5,426 | 27,895 | 12,510 | 2,306 | 2.604 | 2,084 | |

SIC 3715 TRUCK TRAILERS

| | TOTAL EMPLOYMENT | | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL | |
|------|--|------------------------------------|--------|--|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) | |
| 1958 | 15,669 | 78,142 | 12,090 | 24,564 | 55,390 | 131,140 | 334,724 | 5,072 | |
| 1959 | 20,622 | 107,127 | 16,701 | 35,413 | 77,990 | 203,195 | 505,418 | N.A. | |
| 1960 | 18,854 | 101,564 | 14,729 | 29,583 | 72,725 | 170,094 | 438,548 | 7,899 | |
| 1961 | 17,205 | 94,260 | 13,255 | 26,274 | 65,792 | 158,058 | 405,403 | 10,182 | |
| 1962 | 20,205 | 117,329 | 15,833 | 31,789 | 83,029 | 218,489 | 543,804 | 6,150 | |
| 1963 | 19,429 | 112,876 | 15,455 | 30,896 | 81,703 | 205,475 | 515,661 | 5,265 | |
| 1964 | 21,788 | 129,363 | 17,341 | 34,377 | 94,686 | 231,384 | 588,412 | 13,789 | |
| 1965 | 24,056 | 150,065 | 19,475 | 39,649 | 111,343 | 268,445 | 690,397 | 7,566 | |
| 1966 | 28,082 | 175,222 | 22,859 | 44,915 | 129,257 | 314,409 | 795,592 | 25,472 | |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 39.2 | 4,987 | | 4,581 | 27,686 | 10,847 | 2,368 | 2,255 | 2,032 |
| 1959 | 40.2 | 5,195 | | 4,670 | 30,263 | 12,167 | 2,605 | 2,202 | 2,120 |
| 1960 | 38.8 | 5,387 | | 4,938 | 29,774 | 11,548 | 2,339 | 2,458 | 2,008 |
| 1961 | 39.0 | 5,479 | | 4,964 | 30,585 | 11,924 | 2,402 | 2,504 | 1,982 |
| 1962 | 40.2 | 5,807 | | 5,244 | 34,346 | 13,800 | 2,631 | 2,612 | 2,008 |
| 1963 | 39.8 | 5,810 | | 5,287 | 33,365 | 13,295 | 2,515 | 2,644 | 1,999 |
| 1964 | 39.3 | 5,937 | | 5,460 | 33,932 | 13,343 | 2,444 | 2,754 | 1,982 |
| 1965 | 38.9 | 6,238 | | 5,717 | 35,450 | 13,784 | 2,411 | 2,808 | 2,036 |
| 1966 | 39.5 | 6,240 | | 5,655 | 34,804 | 13,754 | 2,432 | 2,878 | 1,965 |

SIC 3717 MOTOR VEHICLES & PARTS

| | TOTAL EMPLOYMENT | | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|---------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 546,037 | 3,169,173 | 433,982 | 858,440 | 2,374,447 | 6,504,510 | 20,830,059 | 334,068 |
| 1959 | 599,912 | 3,914,529 | 489,423 | 1,057,969 | 3,019,106 | 8,915,412 | 26,712,803 | 386,609 |
| 1960 | 658,148 | 4,319,876 | 540,751 | 1,131,519 | 3,378,315 | 9,717,429 | 30,110,144 | 462,402 |
| 1961 | 569,619 | 3,779,955 | 460,339 | 945,118 | 2,881,527 | 8,541,738 | 25,847,658 | 381,601 |
| 1962 | 628,386 | 4,465,378 | 517,189 | 1,110,236 | 3,483,972 | 11,110,932 | 32,673,777 | 492,177 |
| 1963 | 649,926 | 4,947,271 | 535,842 | 1,192,606 | 3,889,636 | 12,345,630 | 36,181,007 | 643,555 |
| 1964 | 681,743 | 5,306,837 | 562,342 | 1,226,398 | 4,165,195 | 13,071,257 | 37,462,664 | 878,865 |
| 1965 | 776,826 | 6,352,575 | 647,382 | 1,428,261 | 5,054,409 | 15,908,289 | 46,430,579 | 1,232,851 |
| 1966 | 798,920 | 6,547,050 | 666,322 | 1,487,049 | 5,161,788 | 15,449,673 | 45,630,082 | 1,113,206 |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 31.2 | 5,804 | 5,471 | 47,998 | 14,988 | 2,739 | 2,766 | 1,978 |
| 1959 | 33.4 | 6,525 | 6,169 | 54,580 | 18,216 | 2,953 | 2,854 | 2,162 |
| 1960 | 32.3 | 6,564 | 6,247 | 55,682 | 17,970 | 2,876 | 2,986 | 2,092 |
| 1961 | 33.0 | 6,636 | 6,260 | 56,149 | 18,555 | 2,964 | 3,049 | 2,053 |
| 1962 | 34.0 | 7,106 | 6,736 | 63,176 | 21,483 | 3,189 | 3,138 | 2,147 |
| 1963 | 34.1 | 7,612 | 7,259 | 67,522 | 23,040 | 3,174 | 3,261 | 2,226 |
| 1964 | 34.9 | 7,784 | 7,407 | 66,619 | 23,244 | 3,138 | 3,396 | 2,181 |
| 1965 | 34.3 | 8,178 | 7,807 | 71,721 | 24,573 | 3,147 | 3,539 | 2,206 |
| 1966 | 33.9 | 8,195 | 7,747 | 68,481 | 23,186 | 2,993 | 3,471 | 2,232 |

SIC 3721 AIRCRAFT

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 377,383 | 2,340,306 | 251,249 | 508,195 | 1,334,705 | 3,399,163 | 6,438,067 |
| 1959 | 369,253 | 2,419,610 | 225,581 | 461,834 | 1,248,162 | 3,305,013 | 6,808,666 |
| 1960 | 302,428 | 2,084,943 | 177,567 | 366,374 | 1,043,943 | 3,044,749 | 5,920,180 |
| 1961 | 305,435 | 2,205,508 | 172,942 | 351,726 | 1,023,524 | 3,046,923 | 6,000,080 |
| 1962 | 326,140 | 2,468,712 | 180,369 | 378,192 | 1,131,358 | 3,363,486 | 6,205,647 |
| 1963 | 302,201 | 2,190,498 | 166,744 | 342,120 | 1,016,590 | 3,542,695 | 6,316,531 |
| 1964 | 283,532 | 2,328,676 | 159,609 | 327,713 | 1,220,534 | 3,416,917 | 6,584,263 |
| 1965 | 295,099 | 2,378,659 | 172,334 | 351,044 | 1,169,330 | 3,730,817 | 7,150,896 |
| 1966 | 357,218 | 3,221,758 | 209,279 | 435,002 | 1,527,930 | 4,674,598 | 9,000,074 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 52.8 | 6,201 | 5,312 | 25,624 | 13,529 | 2.547 | 2,023 |
| 1959 | 48.5 | 6,553 | 5,533 | 30,183 | 14,651 | 2.648 | 2,047 |
| 1960 | 51.4 | 6,894 | 5,879 | 33,341 | 17,147 | 2.917 | 2,063 |
| 1961 | 50.8 | 7,221 | 5,918 | 34,694 | 17,618 | 2.977 | 2,034 |
| 1962 | 54.2 | 7,569 | 6,272 | 34,405 | 18,648 | 2.973 | 2,097 |
| 1963 | 56.1 | 7,248 | 6,097 | 37,882 | 21,246 | 3.485 | 2,052 |
| 1964 | 51.9 | 8,213 | 7,647 | 41,252 | 21,408 | 2.800 | 2,053 |
| 1965 | 52.2 | 8,061 | 6,785 | 41,494 | 21,649 | 3.191 | 2,037 |
| 1966 | 51.9 | 9,019 | 7,301 | 43,005 | 22,337 | 3.059 | 2,079 |

SIC 3722 AIRCRAFT ENGINES & PARTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 159,094 | 999,237 | 94,531 | 194,858 | 509,724 | 1,615,671 | 3,512,073 |
| 1959 | 171,756 | 1,158,468 | 101,197 | 212,904 | 581,880 | 1,813,745 | 3,507,128 |
| 1960 | 165,766 | 1,144,770 | 94,600 | 197,341 | 556,571 | 1,633,040 | 3,094,887 |
| 1961 | 162,877 | 1,162,559 | 94,068 | 197,606 | 571,305 | 1,759,264 | 3,242,436 |
| 1962 | 178,635 | 1,331,068 | 103,049 | 216,042 | 645,986 | 1,984,030 | 3,660,552 |
| 1963 | 190,834 | 1,486,081 | 105,890 | 222,000 | 705,727 | 2,244,317 | 4,100,520 |
| 1964 | 177,719 | 1,470,612 | 90,434 | 192,541 | 622,793 | 2,346,377 | 3,963,623 |
| 1965 | 179,347 | 1,502,910 | 96,715 | 206,334 | 684,606 | 2,478,220 | 4,134,334 |
| 1966 | 188,065 | 1,689,064 | 106,512 | 236,372 | 811,348 | 2,764,968 | 4,572,038 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 46.0 | 6,281 | 5,392 | 37,153 | 17,091 | 3.170 | 2,061 |
| 1959 | 51.7 | 6,745 | 5,750 | 34,656 | 17,923 | 3.117 | 2,104 |
| 1960 | 52.8 | 6,906 | 5,883 | 32,716 | 17,263 | 2.934 | 2,086 |
| 1961 | 54.3 | 7,138 | 6,073 | 34,469 | 18,702 | 3.079 | 2,101 |
| 1962 | 54.2 | 7,451 | 6,269 | 35,522 | 19,253 | 3.071 | 2,090 |
| 1963 | 54.7 | 7,787 | 6,665 | 38,724 | 21,195 | 3.180 | 2,097 |
| 1964 | 59.2 | 8,275 | 6,887 | 43,829 | 25,946 | 3.768 | 2,129 |
| 1965 | 59.9 | 8,380 | 7,079 | 42,748 | 25,624 | 3.620 | 2,133 |
| 1966 | 60.5 | 8,981 | 7,617 | 42,925 | 25,959 | 3.408 | 2,219 |

SIC 3723 AIRCRAFT PROPELLERS & PARTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 15,505 | 85,635 | 9,617 | 19,363 | 49,478 | 112,301 | 235,270 |
| 1959 | 11,384 | 72,767 | 6,852 | 14,098 | 38,732 | 95,369 | 173,790 |
| 1960 | 10,742 | 71,521 | 5,913 | 12,240 | 34,958 | 101,434 | 163,692 |
| 1961 | 10,526 | 70,436 | 5,535 | 12,221 | 34,290 | 87,543 | 157,395 |
| 1962 | 9,764 | 72,260 | 5,687 | 13,053 | 36,150 | 99,055 | 157,320 |
| 1963 | 11,183 | 78,712 | 6,231 | 13,515 | 37,666 | 113,433 | 190,761 |
| 1964 | 8,876 | 70,367 | 4,588 | 9,933 | 31,722 | 95,537 | 153,920 |
| 1965 | 9,071 | 77,937 | 5,034 | 11,122 | 35,665 | 124,475 | 187,659 |
| 1966 | 10,179 | 92,465 | 5,861 | 13,208 | 44,719 | 133,326 | 211,082 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 47.7 | 5,523 | 5,145 | 24,464 | 11,677 | 2.270 | 2,013 |
| 1959 | 54.9 | 6,392 | 5,653 | 25,363 | 13,918 | 2.462 | 2,058 |
| 1960 | 62.0 | 6,658 | 5,912 | 27,683 | 17,154 | 2.902 | 2,070 |
| 1961 | 55.6 | 6,692 | 6,195 | 28,436 | 15,816 | 2.553 | 2,208 |
| 1962 | 63.0 | 7,401 | 6,357 | 27,663 | 17,418 | 2.740 | 2,295 |
| 1963 | 59.5 | 7,039 | 6,045 | 30,615 | 18,205 | 3.012 | 2,169 |
| 1964 | 62.1 | 7,928 | 6,914 | 33,548 | 20,823 | 3.012 | 2,165 |
| 1965 | 66.3 | 8,592 | 7,085 | 37,278 | 24,727 | 3.490 | 2,209 |
| 1966 | 63.2 | 9,084 | 7,630 | 36,015 | 22,748 | 2.981 | 2,254 |

SIC 3729 AIRCRAFT EQUIPMENT, NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 213,500 | 1,294,872 | 144,102 | 296,671 | 781,914 | 1,797,203 | 3,031,089 | 50,991 |
| 1959 | 200,336 | 1,284,912 | 135,008 | 287,423 | 761,795 | 1,746,413 | 3,030,598 | N.A. |
| 1960 | 199,800 | 1,315,011 | 131,098 | 277,467 | 763,714 | 1,799,694 | 3,181,527 | 67,553 |
| 1961 | 210,304 | 1,475,782 | 123,350 | 260,290 | 754,319 | 2,062,888 | 3,973,754 | 96,294 |
| 1962 | 200,672 | 1,461,984 | 112,479 | 233,954 | 716,683 | 2,019,961 | 3,699,870 | 89,316 |
| 1963 | 175,167 | 1,319,476 | 111,430 | 232,819 | 745,501 | 1,966,904 | 3,168,607 | 61,931 |
| 1964 | 170,645 | 1,350,508 | 105,276 | 225,189 | 727,446 | 1,966,257 | 3,069,392 | 59,651 |
| 1965 | 159,809 | 1,305,626 | 102,646 | 217,525 | 734,076 | 2,013,999 | 3,045,863 | 60,029 |
| 1966 | 189,664 | 1,557,361 | 130,882 | 281,141 | 955,476 | 2,458,468 | 3,781,222 | 101,450 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 59.3 | 6,065 | 5,426 | 21,034 | 12,472 | 2.298 | 2.636 | 2,059 |
| 1959 | 57.6 | 6,414 | 5,643 | 22,448 | 12,936 | 2.292 | 2.650 | 2,129 |
| 1960 | 56.6 | 6,582 | 5,826 | 24,268 | 13,728 | 2.357 | 2.752 | 2,116 |
| 1961 | 51.9 | 7,017 | 6,115 | 32,215 | 16,724 | 2.735 | 2.898 | 2,110 |
| 1962 | 54.6 | 7,285 | 6,372 | 32,894 | 17,959 | 2.818 | 3.063 | 2,080 |
| 1963 | 62.1 | 7,533 | 6,690 | 28,436 | 17,651 | 2.638 | 3.202 | 2,089 |
| 1964 | 64.1 | 7,914 | 6,910 | 29,156 | 18,677 | 2.703 | 3.230 | 2,139 |
| 1965 | 66.1 | 8,170 | 7,152 | 29,673 | 19,621 | 2.744 | 3.375 | 2,119 |
| 1966 | 65.0 | 8,211 | 7,300 | 28,890 | 18,784 | 2.573 | 3.399 | 2,148 |

SIC 3731 SHIP BUILDING & REPAIRING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 119,147 | 669,826 | 101,153 | 197,707 | 537,814 | 913,687 | 1,625,624 | 38,737 |
| 1959 | 116,272 | 673,230 | 96,291 | 186,089 | 519,390 | 951,950 | 1,566,061 | 33,762 |
| 1960 | 107,694 | 670,470 | 90,132 | 179,721 | 521,641 | 860,050 | 1,460,688 | 28,868 |
| 1961 | 114,215 | 728,708 | 95,730 | 187,625 | 569,244 | 919,666 | 1,621,204 | 31,648 |
| 1962 | 111,613 | 732,722 | 94,065 | 186,243 | 577,392 | 953,857 | 1,670,202 | 23,014 |
| 1963 | 114,649 | 782,299 | 96,527 | 193,512 | 610,250 | 1,009,690 | 1,679,765 | 24,477 |
| 1964 | 115,127 | 819,869 | 97,115 | 197,016 | 632,545 | 1,057,698 | 1,826,238 | 32,836 |
| 1965 | 130,429 | 946,008 | 109,470 | 222,958 | 737,918 | 1,204,108 | 2,078,407 | 44,564 |
| 1966 | 135,309 | 1,058,157 | 114,277 | 236,760 | 819,093 | 1,362,030 | 2,338,931 | 52,793 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 56.2 | 5,622 | 5,317 | 16,071 | 9,033 | 1.699 | 2.720 | 1,955 |
| 1959 | 60.8 | 5,790 | 5,394 | 16,264 | 9,886 | 1.833 | 2.791 | 1,933 |
| 1960 | 58.9 | 6,226 | 5,788 | 16,206 | 9,542 | 1.649 | 2.903 | 1,994 |
| 1961 | 56.7 | 6,380 | 5,946 | 16,935 | 9,607 | 1.616 | 3.034 | 1,960 |
| 1962 | 57.1 | 6,565 | 6,138 | 17,756 | 10,140 | 1.652 | 3.100 | 1,980 |
| 1963 | 60.1 | 6,823 | 6,322 | 17,402 | 10,460 | 1.655 | 3.154 | 2,005 |
| 1964 | 57.9 | 7,121 | 6,513 | 18,807 | 10,891 | 1.672 | 3.211 | 2,029 |
| 1965 | 57.9 | 7,253 | 6,741 | 18,985 | 10,999 | 1.632 | 3.310 | 2,037 |
| 1966 | 58.2 | 7,820 | 7,168 | 20,467 | 11,919 | 1.663 | 3.460 | 2,072 |

SIC 3732 BOAT BUILDING & REPAIRING

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 25,295 | 103,603 | 21,156 | 40,346 | 81,356 | 157,309 | 329,009 | 15,298 |
| 1959 | 29,056 | 121,538 | 24,862 | 49,875 | 96,537 | 176,409 | 389,381 | N.A. |
| 1960 | 26,048 | 110,070 | 21,991 | 42,914 | 85,037 | 154,413 | 360,670 | N.A. |
| 1961 | 22,671 | 100,641 | 18,717 | 39,980 | 77,485 | 138,146 | 316,608 | N.A. |
| 1962 | 22,659 | 104,328 | 18,804 | 39,993 | 80,707 | 148,051 | 314,400 | N.A. |
| 1963 | 24,861 | 116,140 | 20,867 | 42,011 | 91,443 | 183,059 | 360,208 | 13,472 |
| 1964 | 26,574 | 126,590 | 22,469 | 46,369 | 99,182 | 217,927 | 423,128 | N.A. |
| 1965 | 28,865 | 136,629 | 24,594 | 49,462 | 109,118 | 220,795 | 448,834 | 12,708 |
| 1966 | 30,825 | 145,737 | 25,161 | 49,239 | 111,813 | 247,427 | 485,121 | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 47.8 | 4,096 | 3,846 | 15,552 | 7,436 | 1.934 | 2.016 | 1,907 |
| 1959 | 45.3 | 4,183 | 3,883 | 15,662 | 7,096 | 1.827 | 1.936 | 2,006 |
| 1960 | 42.8 | 4,226 | 3,867 | 16,401 | 7,022 | 1.816 | 1.982 | 1,951 |
| 1961 | 43.6 | 4,439 | 4,140 | 16,916 | 7,381 | 1.783 | 1.938 | 2,136 |
| 1962 | 47.1 | 4,604 | 4,292 | 16,720 | 7,873 | 1.834 | 2.018 | 2,127 |
| 1963 | 50.8 | 4,672 | 4,382 | 17,262 | 8,773 | 2.002 | 2.177 | 2,013 |
| 1964 | 51.5 | 4,764 | 4,414 | 18,832 | 9,699 | 2.197 | 2.139 | 2,064 |
| 1965 | 49.2 | 4,733 | 4,437 | 18,250 | 8,978 | 2.023 | 2.206 | 2,011 |
| 1966 | 51.0 | 4,728 | 4,444 | 19,281 | 9,834 | 2.213 | 2.271 | 1,957 |

SIC 3741 LOCOMOTIVES & PARTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 15,282 | 90,097 | 10,742 | 21,092 | 58,332 | 152,086 | 407,540 | 5,275 |
| 1959 | 14,888 | 94,624 | 10,577 | 21,134 | 61,774 | 204,925 | 434,637 | N.A. |
| 1960 | 13,519 | 91,667 | 9,295 | 19,651 | 58,500 | 176,045 | 395,847 | 3,636 |
| 1961 | 11,955 | 80,080 | 8,183 | 16,051 | 49,067 | 138,804 | 343,992 | 2,755 |
| 1962 | 14,214 | 99,753 | 10,684 | 21,573 | 68,677 | 224,169 | 443,246 | 5,231 |
| 1963 | 14,337 | 99,696 | 10,648 | 20,803 | 67,405 | 186,241 | 437,872 | 7,195 |
| 1964 | 15,050 | 114,938 | 11,250 | 23,656 | 80,158 | 211,710 | 478,055 | 4,351 |
| 1965 | 16,952 | 130,858 | 13,176 | 26,981 | 94,761 | 277,498 | 621,079 | 9,939 |
| 1966 | 17,152 | 141,554 | 13,287 | 27,942 | 103,017 | 318,191 | 700,719 | 8,996 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 37.3 | 5,896 | 5,430 | 37,939 | 14,158 | 2.607 | 2.766 | 1,964 |
| 1959 | 47.1 | 6,356 | 5,840 | 41,093 | 19,375 | 3.317 | 2.923 | 1,998 |
| 1960 | 44.5 | 6,781 | 6,294 | 42,587 | 18,940 | 3.009 | 2.977 | 2,114 |
| 1961 | 40.4 | 6,698 | 5,996 | 42,037 | 16,962 | 2.829 | 3.057 | 1,962 |
| 1962 | 50.6 | 7,018 | 6,428 | 41,487 | 20,982 | 3.264 | 3.183 | 2,019 |
| 1963 | 42.5 | 6,954 | 6,330 | 41,122 | 17,491 | 2.763 | 3.240 | 1,954 |
| 1964 | 44.3 | 7,637 | 7,125 | 42,494 | 18,819 | 2.641 | 3.388 | 2,103 |
| 1965 | 44.7 | 7,719 | 7,192 | 47,137 | 21,061 | 2.928 | 3.512 | 2,048 |
| 1966 | 45.4 | 8,253 | 7,753 | 52,737 | 23,948 | 3.089 | 3.687 | 2,103 |

SIC 3742 RAILROAD & STREET CARS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 24,309 | 133,302 | 17,872 | 32,565 | 91,089 | 167,576 | 562,190 | 8,635 |
| 1959 | 23,418 | 139,246 | 17,926 | 33,623 | 96,909 | 246,037 | 513,397 | 9,339 |
| 1960 | 28,728 | 170,659 | 23,077 | 42,375 | 124,787 | 275,241 | 723,014 | 8,513 |
| 1961 | 22,625 | 144,812 | 16,698 | 31,157 | 96,680 | 184,217 | 538,920 | 8,542 |
| 1962 | 27,418 | 179,590 | 20,892 | 40,479 | 128,137 | 276,976 | 665,708 | 11,902 |
| 1963 | 30,742 | 201,999 | 24,254 | 47,246 | 150,135 | 355,230 | 927,184 | 10,877 |
| 1964 | 37,367 | 255,208 | 30,034 | 60,661 | 197,535 | 509,939 | 1,289,737 | 25,224 |
| 1965 | 40,858 | 286,422 | 33,245 | 65,647 | 221,541 | 528,890 | 1,519,751 | 25,725 |
| 1966 | 43,782 | 324,460 | 35,966 | 72,271 | 252,244 | 642,229 | 1,695,704 | 35,094 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 29.8 | 5,484 | 5,097 | 31,456 | 9,376 | 1.840 | 2.797 | 1,822 |
| 1959 | 47.9 | 5,946 | 5,406 | 28,640 | 13,725 | 2.539 | 2.882 | 1,876 |
| 1960 | 38.1 | 5,941 | 5,407 | 31,331 | 11,927 | 2.206 | 2.945 | 1,836 |
| 1961 | 34.2 | 6,401 | 5,790 | 32,275 | 11,032 | 1.905 | 3.103 | 1,866 |
| 1962 | 41.6 | 6,550 | 6,133 | 31,864 | 13,258 | 2.162 | 3.166 | 1,938 |
| 1963 | 38.3 | 6,571 | 6,190 | 38,228 | 14,646 | 2.366 | 3.178 | 1,948 |
| 1964 | 39.5 | 6,830 | 6,577 | 42,943 | 16,979 | 2.582 | 3.256 | 2,020 |
| 1965 | 34.8 | 7,010 | 6,664 | 45,714 | 15,909 | 2.387 | 3.375 | 1,975 |
| 1966 | 37.9 | 7,411 | 7,013 | 47,147 | 17,857 | 2.546 | 3.490 | 2,009 |

SIC 3751 MOTORCYCLES, BICYCLES & PARTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 7,578 | 33,020 | 6,179 | 12,213 | 24,115 | 52,125 | 121,527 | 2,549 |
| 1959 | 8,664 | 38,687 | 7,108 | 13,820 | 28,551 | 66,952 | 149,734 | 3,267 |
| 1960 | 8,341 | 37,460 | 6,749 | 12,555 | 26,704 | 61,226 | 143,122 | 3,102 |
| 1961 | 8,232 | 38,249 | 6,630 | 12,774 | 26,920 | 59,166 | 153,065 | 2,580 |
| 1962 | 9,028 | 42,944 | 7,314 | 13,974 | 30,072 | 74,162 | 172,600 | 3,321 |
| 1963 | 9,662 | 48,425 | 7,912 | 15,152 | 34,398 | 82,245 | 192,851 | 3,152 |
| 1964 | 9,969 | 54,039 | 8,230 | 16,650 | 39,812 | 99,427 | 228,055 | 6,199 |
| 1965 | 11,198 | 62,124 | 9,313 | 18,227 | 46,117 | 106,083 | 247,078 | 7,395 |
| 1966 | 11,537 | 63,055 | 9,555 | 18,114 | 47,082 | 112,571 | 261,110 | 5,768 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 42.9 | 4,357 | 3,903 | 19,668 | 8,436 | 2.162 | 1.975 | 1,977 |
| 1959 | 44.7 | 4,465 | 4,017 | 21,066 | 9,419 | 2.345 | 2.066 | 1,944 |
| 1960 | 42.8 | 4,491 | 3,957 | 21,206 | 9,072 | 2.293 | 2.127 | 1,860 |
| 1961 | 38.7 | 4,646 | 4,060 | 23,087 | 8,924 | 2.198 | 2.107 | 1,927 |
| 1962 | 43.0 | 4,757 | 4,112 | 23,599 | 10,140 | 2.466 | 2.152 | 1,911 |
| 1963 | 42.6 | 5,012 | 4,348 | 24,374 | 10,395 | 2.391 | 2.270 | 1,915 |
| 1964 | 43.6 | 5,421 | 4,837 | 27,710 | 12,081 | 2.497 | 2.391 | 2,023 |
| 1965 | 42.9 | 5,548 | 4,952 | 26,530 | 11,391 | 2.300 | 2.530 | 1,957 |
| 1966 | 43.1 | 5,465 | 4,927 | 27,327 | 11,781 | 2.391 | 2.599 | 1,896 |

SIC 3799 TRANSPORTATION EQUIPMENT NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------------------|---------------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | | | |
| 1958 | 4,761 | 20,448 | 3,795 | 7,360 | 38,215 | 92,811 | 2,430 |
| 1959 | 5,488 | 24,859 | 4,330 | 8,869 | 40,721 | 113,390 | N.A. |
| 1960 | 5,958 | 28,303 | 4,908 | 9,619 | 43,025 | 115,852 | 2,293 |
| 1961 | 5,850 | 27,391 | 4,595 | 9,495 | 40,636 | 111,148 | 1,062 |
| 1962 | 5,796 | 28,117 | 4,743 | 9,163 | 45,193 | 122,959 | N.A. |
| 1963 | 8,032 | 37,547 | 6,652 | 13,183 | 68,823 | 167,375 | 3,710 |
| 1964 | 9,222 | 43,303 | 7,423 | 14,671 | 75,758 | 186,970 | N.A. |
| 1965 | 8,641 | 43,088 | 6,979 | 14,462 | 80,996 | 214,399 | N.A. |
| 1966 | 9,467 | 47,863 | 7,827 | 15,397 | 95,107 | 232,155 | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 41.2 | 4,295 | 3,735 | 24,456 | 10,070 | 2.696 | 1.926 | 1,939 |
| 1959 | 35.9 | 4,530 | 4,015 | 26,187 | 9,404 | 2.342 | 1.960 | 2,048 |
| 1960 | 37.1 | 4,750 | 3,849 | 23,605 | 8,766 | 2.278 | 1.964 | 1,960 |
| 1961 | 36.6 | 4,682 | 3,817 | 24,189 | 8,844 | 2.317 | 1.847 | 2,066 |
| 1962 | 36.8 | 4,851 | 3,908 | 25,924 | 9,528 | 2.438 | 2.023 | 1,932 |
| 1963 | 41.1 | 4,675 | 4,177 | 25,162 | 10,346 | 2.477 | 2.108 | 1,982 |
| 1964 | 40.5 | 4,696 | 4,283 | 25,188 | 10,206 | 2.383 | 2.167 | 1,976 |
| 1965 | 37.8 | 4,986 | 4,372 | 30,721 | 11,606 | 2.654 | 2.110 | 2,072 |
| 1966 | 41.0 | 5,056 | 4,362 | 29,661 | 12,151 | 2.786 | 2.217 | 1,967 |

SIC 3791 TRAILER COACHES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------------------|---------------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | | | |
| 1958 | 18,717 | 77,129 | 16,004 | 30,613 | 58,969 | 127,683 | 461,053 |
| 1959 | 21,435 | 95,383 | 18,101 | 34,940 | 69,384 | 159,453 | 538,654 |
| 1960 | 22,318 | 93,966 | 18,616 | 34,257 | 68,173 | 159,325 | 523,765 |
| 1961 | 20,703 | 88,705 | 17,457 | 29,814 | 64,807 | 135,111 | 464,133 |
| 1962 | 21,047 | 97,698 | 17,949 | 31,323 | 73,889 | 153,181 | 507,583 |
| 1963 | 25,669 | 125,002 | 21,901 | 43,390 | 94,078 | 232,460 | 713,119 |
| 1964 | 32,686 | 161,401 | 27,634 | 55,747 | 122,447 | 286,591 | 929,753 |
| 1965 | 35,754 | 179,499 | 30,035 | 58,125 | 132,787 | 332,065 | 1,032,729 |
| 1966 | 38,573 | 199,266 | 32,462 | 61,746 | 147,123 | 354,890 | 1,089,306 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 27.7 | 4,121 | 3,685 | 28,809 | 7,978 | 2.165 | 1.926 | 1,913 |
| 1959 | 29.6 | 4,450 | 3,833 | 29,758 | 8,809 | 2.298 | 1.986 | 1,930 |
| 1960 | 30.4 | 4,210 | 3,662 | 28,135 | 8,558 | 2.337 | 1.990 | 1,840 |
| 1961 | 29.1 | 4,285 | 3,712 | 26,587 | 7,740 | 2.085 | 2.174 | 1,708 |
| 1962 | 30.2 | 4,642 | 4,117 | 28,279 | 8,534 | 2.073 | 2.359 | 1,745 |
| 1963 | 32.6 | 4,870 | 4,296 | 32,561 | 10,614 | 2.471 | 2.168 | 1,981 |
| 1964 | 30.8 | 4,938 | 4,431 | 33,645 | 10,371 | 2.341 | 2.196 | 2,017 |
| 1965 | 32.2 | 5,020 | 4,421 | 34,384 | 11,056 | 2.501 | 2.285 | 1,935 |
| 1966 | 32.6 | 5,166 | 4,532 | 33,556 | 10,932 | 2.412 | 2.383 | 1,902 |

INSTRUMENTS, PHOTO AND OPTICAL GOODS, WATCHES AND CLOCKS

SIC 3811 SCIENTIFIC INSTRUMENTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------------------|---------------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | | | |
| 1958 | 57,249 | 330,209 | 38,758 | 78,017 | 198,450 | 481,166 | 752,542 |
| 1959 | 72,786 | 461,475 | 49,185 | 102,956 | 273,728 | 729,465 | 1,133,707 |
| 1960 | 66,991 | 434,502 | 45,273 | 93,507 | 252,313 | 710,403 | 1,077,867 |
| 1961 | 68,128 | 453,601 | 44,498 | 88,786 | 244,440 | 687,711 | 1,097,610 |
| 1962 | 51,005 | 313,229 | 35,121 | 71,087 | 194,780 | 503,466 | 748,902 |
| 1963 | 33,084 | 208,171 | 22,184 | 44,584 | 119,836 | 358,588 | 533,920 |
| 1964 | 30,702 | 193,982 | 21,263 | 42,805 | 115,779 | 304,933 | 520,075 |
| 1965 | 31,022 | 203,012 | 21,277 | 43,140 | 117,975 | 355,112 | 583,552 |
| 1966 | 38,258 | 259,492 | 26,362 | 54,730 | 154,539 | 471,494 | 748,663 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 63.9 | 5,768 | 5,120 | 19,416 | 12,415 | 2.425 | 2.544 | 2,013 |
| 1959 | 64.3 | 6,340 | 5,565 | 23,050 | 14,831 | 2.665 | 2.659 | 2,093 |
| 1960 | 65.9 | 6,486 | 5,573 | 23,808 | 15,692 | 2.816 | 2.698 | 2,065 |
| 1961 | 62.7 | 6,658 | 5,493 | 24,667 | 15,455 | 2.813 | 2.753 | 1,995 |
| 1962 | 67.2 | 6,141 | 5,546 | 21,323 | 14,335 | 2.585 | 2.740 | 2,024 |
| 1963 | 67.2 | 6,292 | 5,402 | 24,068 | 16,164 | 2.992 | 2.688 | 2,010 |
| 1964 | 58.6 | 6,318 | 5,445 | 24,459 | 14,341 | 2.634 | 2.705 | 2,013 |
| 1965 | 60.9 | 6,544 | 5,545 | 27,426 | 16,690 | 3.010 | 2.735 | 2,028 |
| 1966 | 63.0 | 6,783 | 5,862 | 28,399 | 17,885 | 3.051 | 2.824 | 2,076 |

SIC 3821 MECHANICAL MEASURING DEVICES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|---------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (\$1,000) | WAGES (\$1,000) | | | |
| 1958 | 50,049 | 258,488 | 32,123 | 62,982 | 144,873 | 457,126 | 726,823 | 18,215 |
| 1959 | 52,779 | 288,414 | 34,534 | 66,767 | 158,438 | 535,978 | 824,656 | N.A. |
| 1960 | 59,701 | 340,524 | 37,505 | 76,709 | 183,594 | 599,992 | 948,679 | 24,394 |
| 1961 | 60,067 | 340,262 | 37,047 | 73,904 | 176,707 | 591,017 | 965,369 | 25,069 |
| 1962 | 65,077 | 376,233 | 41,264 | 85,572 | 205,410 | 673,981 | 1,073,753 | 29,626 |
| 1963 | 62,353 | 388,874 | 40,383 | 81,510 | 222,826 | 732,529 | 1,143,416 | 30,914 |
| 1964 | 60,905 | 416,356 | 38,373 | 78,519 | 228,699 | 765,509 | 1,217,101 | 38,529 |
| 1965 | 68,236 | 472,275 | 43,373 | 83,206 | 259,530 | 944,220 | 1,450,791 | 48,774 |
| 1966 | 70,645 | 500,982 | 44,195 | 82,515 | 260,316 | 950,934 | 1,428,510 | 44,430 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 62.9 | 5,165 | 4,510 | 22,626 | 14,230 | 3.155 | 1,961 |
| 1959 | 65.0 | 5,465 | 4,588 | 23,880 | 15,520 | 3.383 | 1,933 |
| 1960 | 63.2 | 5,704 | 4,895 | 25,295 | 15,998 | 3.268 | 2,045 |
| 1961 | 61.2 | 5,665 | 4,770 | 26,058 | 15,953 | 3.345 | 1,995 |
| 1962 | 62.8 | 5,781 | 4,978 | 26,022 | 16,333 | 3.281 | 2,074 |
| 1963 | 64.1 | 6,237 | 5,518 | 28,314 | 18,140 | 3.287 | 2,018 |
| 1964 | 62.9 | 6,836 | 5,960 | 31,718 | 19,949 | 3.347 | 2,046 |
| 1965 | 65.1 | 6,921 | 5,984 | 33,449 | 21,770 | 3.638 | 1,918 |
| 1966 | 66.6 | 7,092 | 5,890 | 32,323 | 21,517 | 3.653 | 1,867 |

SIC 3822 AUTOMATIC TEMPERATURE CONTROLS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|---------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (\$1,000) | WAGES (\$1,000) | | | |
| 1958 | 25,513 | 128,974 | 18,049 | 35,599 | 81,083 | 258,969 | 359,430 | 5,989 |
| 1959 | 28,181 | 151,232 | 19,190 | 39,299 | 91,802 | 287,681 | 392,091 | N.A. |
| 1960 | 28,083 | 152,040 | 19,161 | 38,270 | 90,249 | 303,721 | 395,548 | 15,540 |
| 1961 | 28,251 | 158,752 | 18,807 | 38,614 | 93,690 | 324,568 | 418,097 | 13,393 |
| 1962 | 28,732 | 167,448 | 18,787 | 38,097 | 95,412 | 335,527 | 448,287 | 9,505 |
| 1963 | 31,685 | 192,301 | 22,299 | 45,459 | 122,154 | 379,091 | 527,358 | 10,523 |
| 1964 | 32,587 | 200,635 | 22,662 | 45,185 | 122,139 | 401,798 | 550,592 | 10,188 |
| 1965 | 32,743 | 209,930 | 23,243 | 47,457 | 133,697 | 414,607 | 595,537 | 13,561 |
| 1966 | 32,639 | 215,772 | 23,123 | 46,805 | 136,571 | 439,344 | 628,473 | 20,112 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 72.0 | 5,055 | 4,492 | 19,914 | 14,348 | 3.194 | 1,972 |
| 1959 | 73.4 | 5,366 | 4,784 | 20,432 | 14,991 | 3.134 | 2,048 |
| 1960 | 76.8 | 5,414 | 4,710 | 20,643 | 15,851 | 3.365 | 1,997 |
| 1961 | 77.6 | 5,619 | 4,982 | 22,231 | 17,258 | 3.464 | 2,053 |
| 1962 | 74.8 | 5,828 | 5,079 | 23,862 | 17,860 | 3.517 | 2,028 |
| 1963 | 71.9 | 6,069 | 5,478 | 23,649 | 17,000 | 3.103 | 2,039 |
| 1964 | 73.0 | 6,157 | 5,390 | 24,296 | 17,730 | 3.290 | 1,994 |
| 1965 | 69.6 | 6,411 | 5,752 | 25,622 | 17,838 | 3.101 | 2,042 |
| 1966 | 69.9 | 6,611 | 5,906 | 27,180 | 19,000 | 3.217 | 2,024 |

SIC 3831 OPTICAL INSTRUMENTS & LENSES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|---------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (\$1,000) | WAGES (\$1,000) | | | |
| 1958 | 7,184 | 37,586 | 5,141 | 10,485 | 23,459 | 60,387 | 102,966 | 3,438 |
| 1959 | 8,720 | 50,742 | 6,551 | 13,775 | 31,654 | 81,515 | 134,764 | N.A. |
| 1960 | 8,041 | 51,136 | 5,727 | 11,629 | 30,610 | 79,406 | 124,247 | 3,614 |
| 1961 | 7,881 | 51,214 | 5,428 | 10,684 | 29,129 | 65,731 | 103,363 | 8,556 |
| 1962 | 8,318 | 59,019 | 5,878 | 12,030 | 33,800 | 83,771 | 134,153 | 8,190 |
| 1963 | 11,924 | 79,131 | 8,306 | 16,728 | 47,149 | 131,917 | 196,022 | 6,163 |
| 1964 | 15,140 | 104,011 | 9,829 | 19,704 | 58,047 | 176,921 | 253,359 | 6,320 |
| 1965 | 15,656 | 116,496 | 10,177 | 21,561 | 65,264 | 205,364 | 291,418 | 7,816 |
| 1966 | 17,433 | 131,710 | 10,798 | 22,699 | 70,233 | 225,460 | 332,402 | 12,915 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|
| 1958 | 58.6 | 5,232 | 4,563 | 20,028 | 11,746 | 2.574 | 2,039 |
| 1959 | 60.5 | 5,819 | 4,832 | 20,572 | 12,443 | 2.575 | 2,103 |
| 1960 | 63.9 | 6,359 | 5,345 | 21,695 | 13,865 | 2.594 | 2,031 |
| 1961 | 63.6 | 6,498 | 5,366 | 19,043 | 12,110 | 2.257 | 1,968 |
| 1962 | 62.4 | 7,095 | 5,750 | 22,823 | 14,252 | 2.478 | 2,047 |
| 1963 | 67.3 | 6,636 | 5,676 | 23,600 | 15,882 | 2.798 | 2,014 |
| 1964 | 69.8 | 6,870 | 5,906 | 25,777 | 18,000 | 3.048 | 2,005 |
| 1965 | 70.5 | 7,441 | 6,413 | 28,635 | 20,179 | 3.147 | 2,119 |
| 1966 | 67.8 | 7,555 | 6,504 | 30,784 | 20,880 | 3.210 | 2,102 |

SIC 3841 SURGICAL & MEDICAL INSTRUMENTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 10,293 | 44,878 | 8,061 | 16,162 | 31,039 | 85,153 | 130,477 |
| 1959 | 10,240 | 50,402 | 7,685 | 15,447 | 31,550 | 84,309 | 141,961 |
| 1960 | 11,630 | 58,134 | 8,810 | 17,604 | 36,824 | 96,778 | 159,588 |
| 1961 | 11,741 | 61,637 | 8,893 | 17,576 | 38,791 | 106,966 | 181,514 |
| 1962 | 12,373 | 66,998 | 9,217 | 18,214 | 40,787 | 129,182 | 216,740 |
| 1963 | 15,145 | 83,332 | 11,538 | 22,916 | 52,520 | 168,556 | 284,014 |
| 1964 | 14,681 | 82,996 | 11,081 | 21,939 | 50,754 | 165,687 | 296,611 |
| 1965 | 15,385 | 89,412 | 11,339 | 22,467 | 52,591 | 188,288 | 297,834 |
| 1966 | 17,584 | 108,276 | 13,374 | 26,796 | 64,421 | 228,232 | 360,068 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|----------------------------|--------------------------------------|---|--|--|---|--|
| (%) | (%) | (%) | (%) | (%) | (%) | (%) | (%) |
| 1958 | 65.3 | 4,360 | 3,851 | 16,186 | 10,564 | 2,743 | 2,005 |
| 1959 | 59.4 | 4,922 | 4,105 | 18,472 | 10,971 | 2,672 | 2,010 |
| 1960 | 60.6 | 4,999 | 4,180 | 18,114 | 10,985 | 2,628 | 1,998 |
| 1961 | 58.9 | 5,250 | 4,362 | 20,411 | 12,028 | 2,757 | 1,976 |
| 1962 | 59.6 | 5,415 | 4,425 | 23,515 | 14,016 | 3,167 | 1,976 |
| 1963 | 59.3 | 5,502 | 4,552 | 24,616 | 14,609 | 3,209 | 1,986 |
| 1964 | 55.9 | 5,653 | 4,580 | 26,768 | 14,952 | 3,265 | 1,980 |
| 1965 | 63.2 | 5,812 | 4,638 | 26,266 | 16,605 | 3,580 | 1,981 |
| 1966 | 63.4 | 6,158 | 4,817 | 26,923 | 17,065 | 3,543 | 2,004 |

SIC 3842 SURGICAL APPLIANCES & SUPPLIES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 24,179 | 114,867 | 16,277 | 31,460 | 62,122 | 257,640 | 461,846 |
| 1959 | 26,458 | 148,478 | 17,561 | 35,638 | 71,104 | 331,665 | 547,620 |
| 1960 | 27,311 | 158,396 | 17,312 | 34,736 | 72,860 | 365,023 | 571,583 |
| 1961 | 27,868 | 164,968 | 17,118 | 34,913 | 73,677 | 357,119 | 556,545 |
| 1962 | 28,882 | 175,897 | 17,593 | 35,088 | 78,422 | 365,902 | 583,653 |
| 1963 | 28,267 | 161,800 | 18,987 | 37,904 | 85,790 | 370,273 | 596,666 |
| 1964 | 28,361 | 168,384 | 19,017 | 38,266 | 88,841 | 379,620 | 622,576 |
| 1965 | 31,561 | 193,322 | 21,336 | 42,345 | 101,596 | 418,278 | 680,420 |
| 1966 | 34,662 | 216,273 | 23,715 | 47,438 | 116,897 | 467,425 | 768,930 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|----------------------------|--------------------------------------|---|--|--|---|--|
| (%) | (%) | (%) | (%) | (%) | (%) | (%) | (%) |
| 1958 | 55.8 | 4,751 | 3,817 | 28,374 | 15,828 | 4,147 | 1,933 |
| 1959 | 60.6 | 5,612 | 4,049 | 31,184 | 18,886 | 4,665 | 2,029 |
| 1960 | 63.9 | 5,800 | 4,209 | 33,017 | 21,085 | 5,010 | 2,006 |
| 1961 | 64.2 | 5,920 | 4,304 | 32,512 | 20,862 | 4,847 | 2,040 |
| 1962 | 62.7 | 6,090 | 4,458 | 33,175 | 20,798 | 4,666 | 1,994 |
| 1963 | 62.1 | 5,724 | 4,518 | 31,425 | 19,501 | 4,316 | 1,996 |
| 1964 | 61.0 | 5,937 | 4,672 | 32,738 | 19,962 | 4,273 | 2,012 |
| 1965 | 61.5 | 6,125 | 4,762 | 31,891 | 19,604 | 4,117 | 1,985 |
| 1966 | 60.8 | 6,239 | 4,929 | 32,424 | 19,710 | 3,999 | 2,000 |

SIC 3843 DENTAL EQUIPMENT & SUPPLIES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 7,242 | 34,773 | 5,227 | 10,188 | 21,077 | 71,574 | 115,667 |
| 1959 | 7,240 | 36,322 | 5,231 | 10,210 | 22,096 | 74,972 | 118,221 |
| 1960 | 7,525 | 38,072 | 5,411 | 10,320 | 23,185 | 79,503 | 125,546 |
| 1961 | 7,387 | 38,057 | 5,226 | 10,048 | 22,222 | 76,278 | 124,047 |
| 1962 | 7,281 | 39,062 | 5,113 | 9,976 | 22,620 | 88,006 | 139,558 |
| 1963 | 8,008 | 46,080 | 5,751 | 11,211 | 27,144 | 95,876 | 147,805 |
| 1964 | 8,129 | 48,129 | 5,723 | 11,521 | 28,158 | 105,382 | 164,643 |
| 1965 | 9,117 | 55,582 | 6,592 | 12,570 | 32,710 | 124,610 | 193,953 |
| 1966 | 9,972 | 62,702 | 7,028 | 14,222 | 37,007 | 141,778 | 220,423 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|----------------------------|--------------------------------------|---|--|--|---|--|
| (%) | (%) | (%) | (%) | (%) | (%) | (%) | (%) |
| 1958 | 61.9 | 4,802 | 4,032 | 22,129 | 13,693 | 3,396 | 1,949 |
| 1959 | 63.4 | 5,017 | 4,224 | 22,600 | 14,332 | 3,393 | 1,952 |
| 1960 | 63.3 | 5,059 | 4,285 | 23,202 | 14,693 | 3,429 | 1,907 |
| 1961 | 61.5 | 5,152 | 4,252 | 23,737 | 14,596 | 3,433 | 1,923 |
| 1962 | 63.1 | 5,365 | 4,424 | 27,295 | 17,212 | 3,891 | 1,951 |
| 1963 | 64.9 | 5,754 | 4,720 | 25,701 | 16,671 | 3,532 | 1,949 |
| 1964 | 64.0 | 5,921 | 4,920 | 28,769 | 18,414 | 3,743 | 2,013 |
| 1965 | 64.2 | 6,097 | 4,962 | 29,422 | 18,903 | 3,810 | 1,907 |
| 1966 | 64.3 | 6,288 | 5,266 | 31,364 | 20,173 | 3,831 | 2,024 |

SIC 3851 OPHTHALMIC GOODS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 18,223 | 71,465 | 15,272 | 29,988 | 53,525 | 136,696 | 194,446 | 5,367 |
| 1959 | 19,488 | 78,935 | 16,398 | 32,399 | 59,381 | 146,321 | 214,811 | 5,057 |
| 1960 | 20,662 | 84,237 | 17,135 | 33,708 | 63,142 | 152,830 | 225,473 | 5,685 |
| 1961 | 19,272 | 83,677 | 15,988 | 31,725 | 61,104 | 147,618 | 217,790 | 8,974 |
| 1962 | 21,068 | 93,744 | 17,764 | 35,553 | 70,240 | 159,919 | 241,475 | 7,133 |
| 1963 | 20,296 | 96,361 | 16,467 | 32,771 | 68,954 | 177,898 | 272,687 | 9,085 |
| 1964 | 20,959 | 104,522 | 17,008 | 34,639 | 76,174 | 197,027 | 300,257 | 8,926 |
| 1965 | 22,419 | 112,845 | 18,221 | 37,040 | 81,294 | 215,603 | 318,162 | 9,972 |
| 1966 | 23,029 | 121,387 | 18,916 | 38,225 | 89,747 | 236,992 | 346,848 | 12,584 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | | | | | |
| 1958 | 70.3 | 3,922 | 3,505 | 12,732 | 8,951 | 2,554 | 1.785 | 1,964 |
| 1959 | 68.1 | 4,050 | 3,621 | 13,100 | 8,923 | 2,464 | 1.833 | 1,976 |
| 1960 | 67.8 | 4,077 | 3,685 | 13,159 | 8,919 | 2,420 | 1.873 | 1,967 |
| 1961 | 67.8 | 4,342 | 3,822 | 13,622 | 9,233 | 2,416 | 1.926 | 1,984 |
| 1962 | 66.2 | 4,450 | 3,954 | 13,594 | 9,002 | 2,277 | 1.976 | 2,001 |
| 1963 | 65.2 | 4,748 | 4,187 | 16,560 | 10,803 | 2,580 | 2.104 | 1,990 |
| 1964 | 65.6 | 4,987 | 4,479 | 17,654 | 11,584 | 2,587 | 2.199 | 2,037 |
| 1965 | 67.8 | 5,033 | 4,462 | 17,461 | 11,833 | 2,652 | 2.195 | 2,033 |
| 1966 | 68.3 | 5,271 | 4,745 | 18,336 | 12,529 | 2,641 | 2.348 | 2,021 |

SIC 3861 PHOTOGRAPHIC EQUIPMENT

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 60,262 | 368,970 | 38,542 | 74,256 | 201,597 | 788,750 | 1,204,905 | 46,770 |
| 1959 | 56,099 | 376,926 | 35,242 | 70,648 | 199,889 | 876,785 | 1,318,009 | 47,089 |
| 1960 | 62,420 | 418,832 | 38,872 | 76,500 | 218,966 | 978,911 | 1,466,983 | 60,000 |
| 1961 | 61,226 | 427,821 | 37,020 | 72,929 | 217,795 | 987,015 | 1,517,764 | 49,250 |
| 1962 | 59,429 | 439,998 | 35,582 | 70,612 | 223,000 | 1,098,113 | 1,635,950 | 57,187 |
| 1963 | 64,937 | 498,828 | 39,248 | 77,753 | 251,566 | 1,270,132 | 1,851,213 | 78,626 |
| 1964 | 66,606 | 532,715 | 41,006 | 81,751 | 272,220 | 1,485,453 | 2,091,180 | 98,427 |
| 1965 | 70,538 | 599,823 | 45,364 | 91,886 | 313,491 | 1,773,198 | 2,552,774 | 98,872 |
| 1966 | 84,275 | 710,944 | 55,344 | 109,190 | 377,346 | 2,281,987 | 3,285,736 | 148,379 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | | | | | |
| 1958 | 65.5 | 6,123 | 5,231 | 31,262 | 20,465 | 3.913 | 2.715 | 1,927 |
| 1959 | 66.5 | 6,719 | 5,672 | 37,399 | 24,879 | 4.386 | 2.829 | 2,005 |
| 1960 | 66.7 | 6,710 | 5,633 | 37,739 | 25,183 | 4,471 | 2.862 | 1,968 |
| 1961 | 65.0 | 6,988 | 5,883 | 40,998 | 26,662 | 4,532 | 2.986 | 1,970 |
| 1962 | 67.1 | 7,404 | 6,267 | 45,977 | 30,861 | 4,924 | 3.158 | 1,984 |
| 1963 | 68.6 | 7,682 | 6,410 | 47,167 | 32,362 | 5,049 | 3.235 | 1,981 |
| 1964 | 71.0 | 7,998 | 6,639 | 50,997 | 36,225 | 5,457 | 3.330 | 1,994 |
| 1965 | 69.5 | 8,504 | 6,911 | 56,273 | 39,088 | 5,656 | 3.412 | 2,026 |
| 1966 | 69.5 | 8,436 | 6,818 | 59,369 | 41,233 | 6,047 | 3.456 | 1,973 |

SIC 3871 WATCHES & CLOCKS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|------------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 23,505 | 106,739 | 18,308 | 36,080 | 70,808 | 165,158 | 334,928 | 4,607 |
| 1959 | 25,434 | 125,100 | 20,184 | 40,025 | 81,530 | 240,839 | 406,681 | 4,552 |
| 1960 | 24,673 | 124,430 | 18,748 | 36,045 | 76,016 | 225,703 | 408,508 | N.A. |
| 1961 | 22,429 | 118,088 | 16,396 | 32,603 | 71,169 | 219,657 | 403,081 | N.A. |
| 1962 | 24,029 | 127,734 | 18,053 | 35,445 | 77,890 | 240,142 | 427,266 | N.A. |
| 1963 | 27,047 | 144,179 | 20,983 | 41,171 | 92,404 | 288,053 | 511,168 | 8,730 |
| 1964 | 27,177 | 147,867 | 20,725 | 41,478 | 96,625 | 313,056 | 553,220 | 6,882 |
| 1965 | 28,536 | 156,683 | 21,994 | 43,693 | 101,794 | 335,141 | 611,805 | 7,336 |
| 1966 | 29,926 | 172,194 | 22,832 | 45,305 | 112,671 | 366,636 | 669,359 | 9,751 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | | | | | |
| 1958 | 49.3 | 4,541 | 3,868 | 18,294 | 9,021 | 2.332 | 1.963 | 1,971 |
| 1959 | 59.2 | 4,919 | 4,039 | 20,149 | 11,932 | 2,954 | 2,037 | 1,983 |
| 1960 | 55.3 | 5,043 | 4,055 | 21,789 | 12,039 | 2,969 | 2,109 | 1,923 |
| 1961 | 54.5 | 5,265 | 4,341 | 24,584 | 13,397 | 3,086 | 2.183 | 1,988 |
| 1962 | 56.2 | 5,316 | 4,315 | 23,667 | 13,302 | 3,083 | 2.197 | 1,963 |
| 1963 | 56.4 | 5,331 | 4,404 | 24,361 | 13,728 | 3,117 | 2,244 | 1,962 |
| 1964 | 56.6 | 5,441 | 4,662 | 26,693 | 15,105 | 3,240 | 2,330 | 2,001 |
| 1965 | 54.8 | 5,491 | 4,628 | 27,817 | 15,238 | 3,292 | 2,330 | 1,987 |
| 1966 | 54.8 | 5,754 | 4,935 | 29,317 | 16,058 | 3,254 | 2,487 | 1,984 |

SIC 3872 WATCHCASES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 2,652 | 12,574 | 2,227 | 4,352 | 9,434 | 18,398 | 34,660 | N.A. |
| 1959 | 3,109 | 14,699 | 2,654 | 5,257 | 11,332 | 20,524 | 35,713 | N.A. |
| 1960 | 2,639 | 12,453 | 2,340 | 4,357 | 9,846 | 16,409 | 29,376 | N.A. |
| 1961 | 2,080 | 10,358 | 1,812 | 3,328 | 8,075 | 10,296 | 22,249 | N.A. |
| 1962 | 2,293 | 11,646 | 2,011 | 3,937 | 9,052 | 11,997 | 24,578 | N.A. |
| 1963 | 2,706 | 13,415 | 2,302 | 4,548 | 10,375 | 19,218 | 33,620 | 500 |
| 1964 | 2,787 | 14,036 | 2,372 | 4,653 | 11,029 | 18,941 | 33,547 | N.A. |
| 1965 | 3,509 | 18,530 | 3,029 | 6,127 | 15,027 | 27,781 | 44,958 | N.A. |
| 1966 | 4,081 | 21,669 | 3,591 | 7,101 | 17,846 | 34,710 | 58,116 | 860 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 53.1 | 4,741 | 4,236 | 15,564 | 8,261 | 1.950 | 2.168 | 1,954 |
| 1959 | 57.5 | 4,728 | 4,270 | 13,456 | 7,733 | 1.811 | 2.156 | 1,981 |
| 1960 | 55.9 | 4,719 | 4,208 | 12,554 | 7,012 | 1.667 | 2.260 | 1,862 |
| 1961 | 46.3 | 4,980 | 4,456 | 12,279 | 5,682 | 1.275 | 2.426 | 1,837 |
| 1962 | 48.8 | 5,079 | 4,501 | 12,222 | 5,966 | 1.325 | 2.299 | 1,958 |
| 1963 | 57.2 | 4,958 | 4,507 | 14,605 | 8,348 | 1.852 | 2.281 | 1,976 |
| 1964 | 56.5 | 5,036 | 4,650 | 14,143 | 7,985 | 1.717 | 2.370 | 1,962 |
| 1965 | 61.8 | 5,281 | 4,961 | 14,843 | 9,172 | 1.849 | 2.453 | 2,023 |
| 1966 | 59.7 | 5,310 | 4,970 | 16,184 | 9,666 | 1.945 | 2.513 | 1,977 |

ORDNANCE AND ACCESSORIES

SIC 191X GUNS, HOWITZERS, MORTARS, ORDNANCE & ACCESS., NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 15,548 | 94,778 | 10,202 | 21,254 | 56,399 | 158,479 | 199,656 | N.A. |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 24,998 | 176,169 | 15,149 | 30,701 | 93,697 | 235,975 | 350,975 | 12,269 |
| 1964 | 26,329 | 190,411 | 15,422 | 29,783 | 96,383 | 252,460 | 355,503 | 23,460 |
| 1965 | 37,043 | 274,415 | 22,114 | 45,047 | 144,644 | 354,796 | 526,712 | 27,910 |
| 1966 | 46,294 | 342,789 | 28,605 | 58,307 | 184,526 | 480,707 | 829,295 | 35,462 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 79.4 | 6,096 | 5,528 | 19,570 | 15,534 | 2.810 | 2.654 | 2,083 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 67.0 | 7,047 | 6,185 | 23,168 | 15,527 | 2.510 | 3.052 | 2,027 |
| 1964 | 71.0 | 7,232 | 6,250 | 23,052 | 16,370 | 2.619 | 3.236 | 1,931 |
| 1965 | 67.4 | 7,408 | 6,541 | 23,818 | 16,044 | 2.453 | 3.211 | 2,037 |
| 1966 | 58.0 | 7,405 | 6,451 | 28,991 | 16,805 | 2.605 | 3.165 | 2,038 |

SIC 1925 COMPLETE GUIDED MISSILES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 108,431 | 788,414 | 60,894 | 129,208 | 370,703 | 1,153,021 | 2,206,710 | 46,137 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 148,908 | 1,325,803 | 54,527 | 110,358 | 395,184 | 1,924,812 | 3,053,863 | 48,849 |
| 1964 | 149,777 | 1,347,247 | 49,460 | 99,714 | 372,180 | 2,033,642 | 2,971,979 | 69,432 |
| 1965 | 138,408 | 1,398,397 | 51,907 | 106,577 | 407,976 | 2,024,570 | 3,012,509 | 44,634 |
| 1966 | 163,833 | 1,417,739 | 62,003 | 126,239 | 504,011 | 2,505,414 | 3,767,197 | 99,938 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 52.3 | 7,271 | 6,088 | 35,239 | 18,935 | 3.110 | 2.869 | 2,122 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 63.0 | 8,904 | 7,247 | 56,006 | 35,300 | 4.871 | 3.581 | 2,024 |
| 1964 | 68.4 | 8,995 | 7,525 | 60,089 | 41,117 | 5.464 | 3.732 | 2,016 |
| 1965 | 67.2 | 10,103 | 7,860 | 58,037 | 39,004 | 4.962 | 3.828 | 2,053 |
| 1966 | 66.5 | 8,654 | 8,129 | 60,758 | 40,408 | 4.971 | 3.993 | 2,036 |

SIC 1929 AMMUNITION, NEC

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 11,331 | 59,068 | 7,164 | 14,239 | 34,265 | 87,027 | 138,448 | 6,187 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 32,578 | 202,208 | 25,059 | 48,966 | 137,662 | 285,774 | 503,001 | 7,619 |
| 1964 | 26,176 | 170,823 | 18,919 | 37,745 | 108,028 | 243,764 | 397,120 | 9,661 |
| 1965 | 27,974 | 176,320 | 21,083 | 42,465 | 118,283 | 226,277 | 470,873 | 8,056 |
| 1966 | 42,499 | 276,301 | 33,564 | 66,941 | 188,772 | 402,590 | 803,176 | 13,541 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 62.9 | 5,213 | 4,783 | 19,326 | 12,148 | 2,540 | 2,406 | 1,988 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 56.8 | 6,207 | 5,494 | 20,073 | 11,404 | 2,076 | 2,811 | 1,954 |
| 1964 | 61.4 | 6,526 | 5,710 | 20,991 | 12,885 | 2,256 | 2,862 | 1,995 |
| 1965 | 48.1 | 6,303 | 5,610 | 22,334 | 10,733 | 1,913 | 2,785 | 2,014 |
| 1966 | 50.1 | 6,501 | 5,624 | 23,930 | 11,995 | 2,133 | 2,820 | 1,994 |

SIC 1931 TANKS & TANK COMPONENTS

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 7,069 | 39,861 | 4,619 | 9,651 | 25,197 | 63,711 | 212,372 | 1,524 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 11,307 | 76,583 | 7,788 | 16,234 | 48,421 | 148,369 | 394,144 | 5,249 |
| 1964 | 9,140 | 62,880 | 5,959 | 11,631 | 37,092 | 78,077 | 296,595 | 1,396 |
| 1965 | 7,578 | 56,297 | 5,042 | 10,819 | 33,553 | 86,628 | 220,017 | 1,782 |
| 1966 | 10,083 | 82,781 | 7,094 | 15,626 | 50,418 | 112,598 | 274,109 | 5,658 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 30.0 | 5,639 | 5,455 | 45,978 | 13,793 | 2,529 | 2,611 | 2,089 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 37.6 | 6,773 | 6,217 | 50,609 | 19,051 | 3,064 | 2,983 | 2,084 |
| 1964 | 26.3 | 6,880 | 6,225 | 49,773 | 13,102 | 2,105 | 3,189 | 1,952 |
| 1965 | 39.4 | 7,429 | 6,655 | 43,637 | 17,181 | 2,582 | 3,101 | 2,146 |
| 1966 | 41.1 | 8,210 | 7,107 | 38,640 | 15,872 | 2,233 | 3,227 | 2,203 |

SIC 1941 SIGHTING & FIRE CONTROL EQUIPMENT

| YEAR | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | | | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 36,432 | 237,193 | 19,935 | 40,511 | 112,512 | 360,402 | 682,580 | 4,088 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 9,249 | 66,949 | 5,810 | 11,085 | 36,639 | 96,281 | 156,568 | 3,631 |
| 1964 | 3,707 | 26,264 | 2,185 | 4,646 | 14,103 | 39,074 | 57,755 | 2,872 |
| 1965 | 3,799 | 29,420 | 2,850 | 5,785 | 20,827 | 57,184 | 93,590 | N.A. |
| 1966 | 3,258 | 27,773 | 1,906 | 4,067 | 13,519 | 42,274 | 65,539 | 1,028 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 52.8 | 6,511 | 5,644 | 34,240 | 18,079 | 3,203 | 2,777 | 2,032 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 61.5 | 7,239 | 6,306 | 26,948 | 16,572 | 2,628 | 3,305 | 1,908 |
| 1964 | 67.7 | 7,085 | 6,454 | 26,432 | 17,883 | 2,771 | 3,036 | 2,126 |
| 1965 | 61.1 | 7,827 | 7,308 | 32,839 | 20,065 | 2,746 | 3,600 | 2,030 |
| 1966 | 64.5 | 8,525 | 7,093 | 34,386 | 22,179 | 3,127 | 3,324 | 2,134 |

SIC 1951 SMALL ARMS, 30 MM & UNDER

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 8,010 | 39,213 | 5,823 | 11,580 | 27,240 | 51,005 | 79,107 | 2,728 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 9,995 | 57,347 | 7,497 | 15,085 | 39,288 | 88,302 | 133,042 | 5,123 |
| 1964 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1965 | 10,521 | 66,817 | 8,029 | 16,422 | 47,023 | 118,362 | 166,182 | 6,010 |
| 1966 | 15,416 | 105,456 | 11,433 | 24,195 | 69,386 | 197,105 | 274,045 | 10,009 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 64.5 | 4,896 | 4,678 | 13,585 | 8,759 | 1.872 | 2,352 | 1,989 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 66.4 | 5,738 | 5,240 | 17,746 | 11,778 | 2.248 | 2,604 | 2,012 |
| 1964 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1965 | 71.2 | 6,351 | 5,857 | 20,698 | 14,742 | 2.517 | 2,863 | 2,045 |
| 1966 | 71.9 | 6,841 | 6,069 | 23,970 | 17,240 | 2.841 | 2,868 | 2,116 |

SIC 1961 SMALL ARMS AMMUNITION

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 9,049 | 44,215 | 5,682 | 11,307 | 26,033 | 82,733 | 167,446 | 4,166 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 8,909 | 51,895 | 7,061 | 14,083 | 38,099 | 103,772 | 192,454 | 5,478 |
| 1964 | 9,334 | 58,307 | 7,559 | 15,581 | 44,228 | 118,696 | 208,851 | 5,463 |
| 1965 | 10,485 | 65,575 | 8,593 | 16,875 | 49,713 | 125,553 | 236,593 | 4,809 |
| 1966 | 19,145 | 142,334 | 16,557 | 34,604 | 113,129 | 232,099 | 467,855 | 8,240 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 49.4 | 4,886 | 4,582 | 29,470 | 14,561 | 3.178 | 2,302 | 1,990 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 53.9 | 5,825 | 5,396 | 27,256 | 14,697 | 2.724 | 2,705 | 1,994 |
| 1964 | 56.8 | 6,247 | 5,851 | 27,629 | 15,703 | 2.684 | 2,839 | 2,061 |
| 1965 | 53.1 | 6,254 | 5,785 | 27,533 | 14,611 | 2.526 | 2,946 | 1,964 |
| 1966 | 49.6 | 7,435 | 6,833 | 28,257 | 14,018 | 2.052 | 3,269 | 2,090 |

Table II-5.--TRANSPORTATION EQUIPMENT: INSTRUMENTS AND ORDNANCE INDUSTRIES,
RANKED BY GROWTH IN VALUE OF SHIPMENTS, 1958-66

| Rank | SIC | Description | Value of shipments (\$ thousands) | | Ratio 1966/1958 |
|------|------|--|--------------------------------------|------------|--------------------|
| | | | 1958 | 1966 | |
| | | TRANSPORTATION EQUIPMENT | | | |
| 1 | 3742 | Railroad and street cars..... | 562,190 | 1,695,704 | 3.01 |
| 2 | 3799 | Transportation equipment, n.e.c..... | 92,811 | 232,155 | 2.501 |
| 3 | 3715 | Truck trailers..... | 334,724 | 795,592 | 2.377 |
| 4 | 3791 | Trailer coaches..... | 461,053 | 1,089,306 | 2.363 |
| 5 | 3713 | Truck and bus bodies..... | 307,769 | 718,636 | 2.335 |
| 6 | 3717 | Motor vehicles and parts..... | 20,830,059 | 45,630,082 | 2.191 |
| 7 | 3751 | Motorcycles, bicycles and parts..... | 121,527 | 261,110 | 2.149 |
| 8 | 3741 | Locomotives and parts..... | 407,540 | 700,719 | 1.719 |
| 9 | 3732 | Boat building and repairing..... | 329,009 | 485,121 | 1.474 |
| 10 | 3731 | Ship building and repairing..... | 1,625,624 | 2,338,931 | 1.439 |
| 11 | 3721 | Aircraft..... | 6,438,067 | 9,000,074 | 1.398 |
| 12 | 3722 | Aircraft engines and parts..... | 3,512,073 | 4,572,038 | 1.302 |
| 13 | 3729 | Aircraft equipment, n.e.c..... | 3,031,089 | 3,781,222 | 1.247 |
| 14 | 3723 | Aircraft propellers and parts..... | 235,270 | 211,082 | 0.897 |
| | | PROFESSIONAL SCIENTIFIC INSTRUMENTS | | | |
| 1 | 3831 | Optical instruments and lenses..... | 102,966 | 332,402 | 3.228 |
| 2 | 3841 | Surgical and medical instruments..... | 130,477 | 360,068 | 2.760 |
| 3 | 3861 | Photographic equipment..... | 1,204,905 | 3,285,736 | 2.727 |
| 4 | 3871 | Watches and clocks..... | 334,928 | 669,359 | 1.999 |
| 5 | 3821 | Mechanical measuring devices..... | 726,823 | 1,428,510 | 1.965 |
| 6 | 3843 | Dental equipment and supplies..... | 115,667 | 220,423 | 1.906 |
| 7 | 3851 | Ophthalmic goods..... | 194,446 | 346,848 | 1.784 |
| 8 | 3822 | Automatic temperature controls..... | 359,430 | 628,473 | 1.749 |
| 9 | 3872 | Watchcases..... | 34,660 | 58,116 | 1.677 |
| 10 | 3842 | Surgical appliances and supplies..... | 461,846 | 768,930 | 1.665 |
| 11 | 3811 | Scientific instruments..... | 752,542 | 748,663 | 0.995 |
| | | ORDNANCE AND ACCESSORIES | | | |
| 1 | 191X | Guns, howitzer, mortars, ordnance, and accessories.. | 199,656 | 829,295 | 4.154 |
| 2 | 1951 | Small arms, 30mm and under..... | 79,107 | 274,045 | 3.464 |
| 3 | 1961 | Small arms ammunition..... | 167,446 | 467,855 | 2.794 |
| 4 | 1925 | Complete guided missiles..... | 2,206,710 | 3,767,197 | 1.707 |
| 5 | 1931 | Tanks and tank components..... | 212,372 | 274,109 | 1.291 |
| 6 | 1941 | Sighting and fire control equipment..... | 682,580 | 65,539 | 0.096 |
| 7 | 1929 | Ammunition, n.e.c..... | 138,448 | 803,176 | 5.801 |

Table II.6.—VALUE OF SHIPMENTS OF PRODUCT CLASSES, TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND ORDNANCE, 1958-66

(Millions of dollars)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|---------------------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|
| TRANSPORTATION EQUIPMENT | | | | | | | | | | | |
| 3713- | TRUCK & BUS BODIES | 275 | 328 | 341 | 313 | 420 | 420 | 443 | 493 | 619 | 2.25 |
| 37130 | TRUCK & BUS BODIES | 275 | 328 | 341 | 313 | 420 | 420 | 443 | 493 | 619 | 2.25 |
| 3715- | TRUCK TRAILERS | 284 | NA | NA | NA | NA | 485 | 547 | 671 | 770 | 2.71 |
| 37150 | TRUCK TRAILERS | 284 | NA | NA | NA | NA | 485 | 547 | 671 | 770 | 2.71 |
| 3717- | MOTOR VEHICLES & PARTS | 19,863 | 25,685 | 29,110 | 25,136 | 31,857 | 35,413 | 36,505 | 45,185 | 44,579 | 2.24 |
| 37171 | PASSENGER CARS, KNOCKED DOWN OR ASSEMBLED | 9,218 | 11,959 | 14,009 | 11,788 | 15,053 | 16,768 | 17,396 | 21,852 | 21,157 | 2.30 |
| 37172 | TRUCK TRACTORS, TRUCK CHASSIS & TRUCKS (CHASSIS OF OWN MANUFACTURE) | 1,934 | 2,490 | 2,573 | 2,376 | 3,010 | 3,376 | 3,442 | 4,289 | 4,656 | 2.41 |
| 37173 | MOTOR COACHES (EXC. TROLLEY BUSES) & FIRE DEPARTMENT VEHICLES (CHASSIS OF OWN MANUFACTURE) | 99 | 107 | 157 | 155 | 161 | 182 | 176 | 170 | 178 | 2.00 |
| 37175 | PARTS & ACCESSORIES FOR PASSENGER CARS, TRUCKS & BUSES, SHIPPED TO MOTOR VEHICLE MANUFACTURES | 7,327 | 9,482 | 10,688 | 9,139 | 11,650 | 12,922 | 13,323 | 16,457 | 15,894 | 2.17 |
| 37176 | PARTS & ACCESSORIES FOR PASSENGER CARS, TRUCKS, & BUSES, SHIPPED TO OTHER THAN MOTOR VEHICLE MANUFACTURERS | 1,141 | 1,439 | 1,486 | 1,443 | 1,728 | 1,754 | 1,825 | 2,000 | 2,169 | 1.90 |
| 37177 | REBUILT AUTOMOTIVE PARTS (EXC. CARBURETORS) | 80 | 96 | 99 | 102 | 110 | 188 | 182 | 187 | 188 | 2.35 |
| 3717A | COMBAT VEHICLES & MOTOR VEHICLE & PARTS, N.S.K. (INC. 37174 & 37170) | 65 | NA | NA | NA | NA | 222 | *160 | 231 | 317 | 4.86 |
| 3721- | AIRCRAFT | 5,363 | 5,085 | 4,653 | 4,470 | 4,439 | 4,331 | 4,662 | 5,277 | 6,886 | 1.28 |
| 37211 | COMPLETE AIRCRAFT, MILITARY TYPE | 3,502 | 2,820 | 2,395 | 2,087 | 2,315 | 2,470 | 2,566 | 2,657 | 3,563 | 1.22 |
| 37212 | COMPLETE AIRCRAFT PERSONAL AND UTILITY TYPE | NA | NA | NA | 292 | 268 | 158 | 226 | 337 | 405 | NA |
| 37213 | COMPLETE AIRCRAFT, COMMERCIAL TRANSPORT TYPE | NA | NA | NA | 969 | 786 | 561 | 836 | 1,275 | 1,777 | NA |
| 37214 | MODIFICATIONS, CONVERSIONS, & OVERHAUL OF AIRCRAFT | 299 | 260 | 362 | 327 | 369 | 465 | 344 | 413 | 453 | 1.52 |
| 37216 | OTHER AERONAUTICAL SERVICES FOR AIRCRAFT | 574 | 776 | 626 | 796 | 701 | 668 | 683 | 590 | 647 | 1.20 |
| 37210 | AIRCRAFT, N.S.K. | 0 | 0 | 0 | 0 | 0 | 7 | 5 | 5 | 5 | NC |
| 3722- | AIRCRAFT ENGINES & PARTS | 3,326 | 3,177 | 2,779 | 2,967 | 3,223 | 3,610 | 3,745 | 3,871 | 4,286 | 1.29 |
| 37220 | AIRCRAFT ENGINES & PARTS, N.S.K. | 0 | 0 | 0 | 0 | 0 | 9 | 7 | 2 | 5 | NC |
| 3722A | AIRCRAFT ENGINES & COMPLETE MISSILE OR SPACE VEHICLE ENGINES & OR PROPULSION UNITS (INC. 37221, 37222 & 37225) | 1,400 | NA | 1,010 | 1,233 | 1,366 | 1,377 | 1,569 | 1,701 | 1,868 | 1.33 |
| 3722B | AERONAUTICAL SERVICES (INC. R & D) ON AIRCRAFT ENG. & COMPLETE MISSILE OR SPACE VEHICLE ENG. (INC. 37223 37226 & 37227) | 665 | NA | 897 | 835 | 934 | 1,144 | 1,143 | 1,059 | 976 | 1.47 |
| 3722C | AIRCRAFT & MISSILE OR SPACE VEHICLE ENG. PTS. OR ACCESSORIES (INC. 37224 & 37228) | 1,261 | NA | 872 | 899 | 923 | 1,080 | 1,025 | 1,109 | 1,438 | 1.14 |
| 3723- | AIRCRAFT PROPELLERS & PARTS | 167 | 103 | 102 | 97 | 96 | 109 | 72 | 94 | 99 | .59 |
| 37230 | AIRCRAFT PROPELLERS & PARTS | 167 | 103 | 102 | 97 | 96 | 109 | 72 | 94 | 99 | .59 |
| 3729- | AIRCRAFT EQUIPMENT, N.E.C. | 3,750 | 4,498 | 3,863 | 4,259 | 4,270 | 3,792 | 3,617 | 3,789 | 4,786 | 1.28 |
| 37291 | OTHER AIRCRAFT PARTS & AUXILIARY EQUIPMENT | 2,861 | 3,236 | 2,632 | 2,539 | 2,582 | 2,215 | 2,303 | 2,544 | 3,436 | 1.20 |
| 37292 | GUIDED MISSILE COMPONENTS & SUBASSEMBLIES, N.E.C. | 509 | 835 | 885 | 1,324 | 1,286 | 1,009 | 780 | 782 | 805 | 1.58 |
| 37293 | RECEIPTS FROM RESEARCH & DEVELOPMENT ON AIRCRAFT PARTS | NA | NA | NA | NA | NA | 75 | 79 | 78 | 79 | NA |
| 37294 | RECEIPTS FOR RESEARCH & DEVELOPMENT ON MISSILE COMPONENTS, N.E.C. | 381 | 427 | 347 | 397 | 402 | 420 | 408 | 350 | 417 | 1.10 |
| 37290 | AIRCRAFT EQUIPMENT, N.E.C., N.S.K. | 0 | 0 | 0 | 0 | 0 | 72 | 47 | 35 | *49 | NC |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 3731- | SHIPS, INC. REPAIR WORK | 1,467 | 1,447 | 1,216 | 1,360 | 1,400 | 1,518 | 1,678 | 1,818 | 2,160 | 1.47 |
| 37311 | NONPROPELLED SHIPS, NEW CONSTRUCTION | 95 | 77 | 54 | 50 | 53 | 82 | 115 | 164 | 180 | 1.89 |
| 37312 | SELF-PROPELLED SHIPS, U.S. MILITARY, NEW CONSTRUCTION | 470 | 564 | 406 | 501 | 507 | 682 | 739 | 742 | 822 | 1.75 |
| 37313 | SELF-PROPELLED SHIPS, NON- MILITARY, NEW CONSTRUCTION | 441 | 378 | 351 | 329 | 379 | 243 | 280 | 282 | 289 | .65 |
| 37314 | SHIP REPAIR, U.S. MILITARY | 124 | 119 | 122 | 165 | 171 | 222 | 205 | 335 | 413 | 3.33 |
| 37316 | REPAIR OF NONMILITARY SHIPS | 327 | 301 | 274 | 296 | 279 | 277 | 330 | 283 | 447 | 1.37 |
| 37310 | SHIP BUILDING & REPAIRING, N.S.K. | 10 | *8 | *9 | *18 | *11 | 12 | 9 | 12 | *10 | NC |
| 3732- | BOAT BUILDING & REPAIRING | 300 | 342 | 331 | 290 | 295 | 338 | 396 | 423 | 472 | 1.57 |
| 37321 | INBOARD MOTOR BOATS | 76 | 87 | 100 | 87 | 92 | 126 | *152 | 177 | 208 | 2.74 |
| 37322 | CUTBOARD MOTOR BOATS | 108 | 135 | 129 | 103 | 91 | 80 | 90 | 82 | 88 | .81 |
| 37323 | ALL OTHER BOATS | 15 | NA | NA | NA | NA | 37 | 54 | 59 | 70 | 4.53 |
| 37324 | BOAT REPAIR | 55 | 51 | 46 | 49 | 53 | 43 | 43 | 52 | 59 | 1.07 |
| 37320 | BOAT BUILDING & REPAIRING, N.S.K. | 45 | NA | NA | NA | NA | 53 | 57 | *51 | *47 | NC |
| 3741- | LOCOMOTIVES & PARTS | 355 | 352 | 333 | 295 | 402 | 378 | 406 | 539 | 601 | 1.69 |
| 37411 | LOCOMOTIVES, NEW, RAILROAD SERVICE & SWITCHING TYPE | 205 | 194 | 161 | 147 | 194 | 133 | 119 | 153 | 181 | .88 |
| 37412 | OTHER NEW LOCOMOTIVES | 15 | 12 | 10 | *8 | *6 | 9 | 8 | 6 | 13 | .87 |
| 37413 | PARTS FOR LOCOMOTIVES & REBUILT LOCOMOTIVES | 135 | 146 | 162 | 140 | 202 | 237 | 280 | 379 | 407 | 3.01 |
| 3742- | RAILROAD & STREET CARS | 529 | 515 | 753 | 520 | 648 | 871 | 1,236 | 1,475 | 1,658 | 3.14 |
| 37421 | PASSENGER TRAIN CARS, NEW | 11 | 12 | 39 | 18 | 17 | 36 | 63 | 78 | 6 | .55 |
| 37420 | RAILROAD & STREET CARS, N.S.K. | 1 | *3 | *3 | *3 | *4 | 1 | 1 | 4 | 3 | NC |
| 3742A | FREIGHT TRAIN CARS, NEW STREET CARS, & PARTS (INC. 37422 & 37423) | 516 | 499 | 710 | 498 | 627 | 833 | 1,172 | 1,394 | 1,649 | 3.20 |
| 3751- | BICYCLES, MOTORCYCLES, MOTORBIKES, SCOOTERS, & PARTS | 106 | 134 | 123 | 126 | 142 | 163 | 198 | 226 | 245 | 2.31 |
| 37510 | BICYCLES, MOTORCYCLES, MOTORBIKES, SCOOTERS & PTS. | 106 | 134 | 123 | 126 | 142 | 163 | 198 | 226 | 245 | 2.31 |
| 3791- | TRAILER COACHES, HOUSING TYPES | NA | 464 | 505 | 448 | 500 | 690 | 910 | 314 | 336 | NA |
| 37910 | TRAILER COACHES, HOUSING TYPES | 445 | 464 | 505 | 448 | 500 | 690 | 910 | 314 | 336 | .76 |
| 3799- | TRANSPORTATION EQUIPMENT, N.E.C. | 100 | 120 | 112 | 118 | 120 | 190 | 215 | 249 | 260 | 2.60 |
| 37991 | AUTOMOBILE TRAILERS, EXC. HOUSING TYPE COACHES | 23 | *35 | *37 | *26 | *40 | 68 | 74 | 88 | 86 | 3.80 |
| 3799A | OTHER TRANSPORTATION EQUIPMENT, & TRANSPORTATION EQUIPMENT, N.E.C. & N.S.K. (INC. 37992 & 37990) | 77 | 85 | 75 | 92 | 80 | 123 | 141 | 161 | 174 | 2.25 |
| INSTRUMENTS, PHOTO AND OPTICAL GOODS, WATCHES AND CLOCKS | | | | | | | | | | | |
| 3811- | SCIENTIFIC INSTRUMENTS | 759 | 913 | 1,027 | 1,035 | 1,085 | 722 | 633 | 684 | 829 | 1.09 |
| 38111 | AIRCRAFT FLIGHT NAUTICAL & NAVIGATIONAL INSTRUMENTS & AUTOMATIC PILOTS | 510 | 587 | 665 | 635 | 681 | 411 | 308 | 337 | 427 | .84 |
| 38110 | SCIENTIFIC INSTRUMENTS, N.S.K. | 20 | *23 | *3 | 0 | 0 | 12 | *10 | *7 | *7 | NC |
| 3811A | LABORATORY, SCIENTIFIC, SURVEYING & DRAFTING INSTRUMENTS & LABORATORY FURNITURE (INC. 38112 & 38113) | 229 | 303 | 360 | 400 | 405 | 299 | 315 | 340 | 394 | 1.72 |
| 3821- | MECHANICAL MEASURING DEVICES | 761 | 886 | 955 | 765 | 843 | 984 | 1,051 | 1,194 | 1,310 | 1.72 |
| 38211 | AIRCRAFT ENGINE INSTRUMENTS, EXC. FLIGHT | 55 | 65 | 62 | 49 | 46 | 66 | 61 | 62 | 86 | 1.55 |
| 38212 | INTEGRATING METERS, NONELECTRICAL TYPE | 119 | 155 | 147 | 140 | 154 | 164 | 165 | 183 | 213 | 1.79 |
| 38213 | INDUSTRIAL PROCESS INSTRUMENTS | 403 | 444 | 500 | 338 | 369 | 522 | 589 | 645 | 714 | 1.77 |
| 38214 | MOTOR VEHICLE INSTRUMENTS, EXC. ELECTRIC | 71 | 87 | 91 | 87 | 101 | 96 | 108 | 131 | 102 | 1.44 |
| 38216 | OTHER MECHANICAL MEASURING & CONTROLLING INSTRUMENTS | 93 | 117 | 131 | 134 | 152 | 117 | 115 | 161 | 188 | 2.03 |
| 38210 | MECHANICAL MEASURING DEVICES, N.S.K. | 19 | 17 | 23 | 15 | 20 | 18 | *12 | *13 | *7 | NC |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 3822- | AUTOMATIC TEMPERATURE CONTROLS | 320 | 330 | 319 | 341 | 368 | 432 | 460 | 466 | 515 | 1.61 |
| 38220 | AUTOMATIC TEMPERATURE CONTROLS | 320 | 330 | 319 | 341 | 368 | 432 | 460 | 466 | 515 | 1.61 |
| 3831- | OPTICAL INSTRUMENTS & LENSES | 115 | 142 | 151 | 161 | 185 | 270 | 275 | 308 | 361 | 3.12 |
| 38311 | OPTICAL INSTRUMENTS & LENSES, EXC. SIGHTING & FIRE CONTROL EQUIPMENT | NA | NA | NA | NA | NA | 213 | 236 | 266 | 317 | NA |
| 38312 | SIGHTING & FIRE CONTROL EQUIPMENT MADE FROM LENSES, PRISMS, ETC., PRODUCED IN THE SAME PLANT | NA | NA | NA | NA | NA | 51 | 34 | 35 | 36 | NA |
| 38310 | OPTICAL INSTRUMENTS & LENSES, N.S.K. | NA | NA | NA | NA | NA | 6 | 5 | 7 | 8 | NC |
| 3841- | SURGICAL & MEDICAL INSTRUMENTS | 131 | 150 | 160 | 179 | 201 | 291 | 316 | 339 | 398 | 3.05 |
| 38410 | SURGICAL & MEDICAL INSTRUMENTS | 131 | 150 | 160 | 179 | 201 | 291 | 316 | 339 | 398 | 3.05 |
| 3842- | SURGICAL APPLIANCES & SUPPLIES | 362 | 443 | 464 | 445 | 478 | 462 | 491 | 537 | 598 | 1.65 |
| 38421 | SURGICAL, ORTHOPEDIC, & PROSTHETIC APPLIANCES & SUPPLIES | 257 | 317 | 340 | 312 | 320 | 318 | 337 | 370 | 415 | 1.62 |
| 38423 | PERSONAL INDUSTRIAL SAFETY DEVICES | 56 | 70 | 65 | 74 | 98 | 97 | 107 | 127 | 139 | 2.47 |
| 38424 | ELECTRICAL HEARING AIDS | 40 | 47 | 49 | 50 | 48 | 35 | 37 | 36 | 37 | .93 |
| 38420 | SURGICAL APPLIANCES & SUPPLIES, N.S.K. | 10 | *10 | *10 | *10 | *11 | 11 | 11 | *4 | *7 | NC |
| 3843- | DENTAL EQUIPMENT & SUPPLIES | 111 | 113 | 124 | 120 | 134 | 140 | 146 | 171 | 197 | 1.78 |
| 38430 | DENTAL EQUIPMENT & SUPPLIES | 111 | 113 | 124 | 120 | 134 | 140 | 146 | 171 | 197 | 1.78 |
| 3851- | OPHTHALMIC GOODS | 168 | 178 | 186 | 177 | 120 | 244 | 263 | 282 | 313 | 1.87 |
| 3851A | OPHTHALMIC GOODS (INC. 38511, 38512, 38513) | 168 | 178 | 186 | 177 | 120 | 244 | 263 | 282 | 313 | 1.87 |
| 3861- | PHOTOGRAPHIC EQUIPMENT | 1,061 | 1,153 | 1,206 | 1,250 | 1,346 | 1,631 | 1,906 | 2,296 | 2,831 | 2.67 |
| 38611 | STILL PICTURE EQUIPMENT | 179 | NA | 160 | 159 | 149 | 224 | 282 | 340 | 454 | 2.53 |
| 38612 | PHOTOCOPYING, MICROFILMING, BLUEPRINTING, VANDYKE, & WHITE PRINTING EQUIPMENT | 58 | 76 | 86 | 90 | 145 | 203 | 290 | 387 | 549 | 9.53 |
| 38613 | MOTION PICTURE EQUIPMENT | 148 | 145 | 151 | 136 | 128 | 128 | 144 | 179 | 206 | 1.39 |
| 38615 | PHOTOGRAPHIC SENSITIZED FILM & PLATES | 396 | 441 | 479 | 511 | 546 | 605 | 677 | 786 | 960 | 2.43 |
| 38616 | SENSITIZED PHOTOGRAPHIC PAPER & CLOTH, SILVER HALIDE TYPE | 124 | 146 | 156 | 167 | 184 | 191 | 199 | 212 | 236 | 1.90 |
| 38617 | SENSITIZED PHOTOGRAPHIC PAPER & CLOTH, OTHER THAN SILVER HALIDE TYPE | 82 | 98 | 113 | 119 | 121 | 128 | 135 | 165 | 196 | 2.38 |
| 38618 | PREPARED PHOTOGRAPHIC CHEMICALS | 36 | 43 | 46 | 51 | 70 | 74 | 101 | 132 | 153 | 4.26 |
| 38610 | PHOTOGRAPHIC EQUIPMENT, N.S.K. | 38 | NA | NA | NA | NA | 78 | 77 | 94 | *77 | NC |
| 3871- | WATCHES & CLOCKS | 292 | 365 | 387 | 391 | 406 | 406 | 449 | 513 | 592 | 2.03 |
| 38711 | CLOCKS | 111 | 141 | 168 | 185 | 188 | 174 | 189 | 211 | 250 | 2.24 |
| 38714 | WATCHES WITH IMPORTED MOVEMENTS | 84 | 106 | 105 | 106 | 102 | 113 | 128 | 149 | 173 | 2.07 |
| 3871A | WATCHES WITH DOMESTIC MOVEMENTS WATCH & CLOCK PTS. INTERPLT. TRANSFERS WTCHS. & CLOCKS, N.S.K. (INC. 38715 3871063871X) | 96 | NA | NA | NA | NA | 120 | 132 | 152 | 170 | 1.76 |
| 3872- | WATCHCASES | 28 | NA | 28 | 23 | 26 | 29 | 30 | 37 | 50 | 1.79 |
| 38720 | WATCHCASES | 28 | NA | 28 | 23 | 26 | 29 | 30 | 37 | 50 | 1.79 |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|---------------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| ORDNANCE AND ACCESSORIES | | | | | | | | | | | |
| 1911- | GUNS, HOWITZERS, MORTARS & RELATED EQUIPMENT, OVER 30 MM (OR OVER 1.18 IN.) | NA | NA | NA | NA | NA | 12 | 12 | 16 | 37 | NA |
| 19110 | GUNS, HOWITZERS, MORTARS, & RELATED EQUIPMENT, OVER 30 MM (OR OVER 1.18 IN.) | NA | NA | NA | NA | NA | 12 | 12 | 16 | 37 | NA |
| 1925- | COMPLETE GUIDED MISSILES | 1,887 | 2,248 | 2,693 | 2,572 | 3,002 | 3,957 | 3,892 | 3,860 | 4,509 | 2.39 |
| 19251 | GUIDED MISSILES & SPACE VEHICLES, COMPLETED | 901 | 596 | 1,048 | 1,045 | 1,542 | 1,644 | 1,633 | 1,531 | 2,156 | 2.39 |
| 1925A | R & C ON GUIDED MISSILES & SPACE VEHICLES & ALL OTHER SERV. ON COMPLETE MISSILES & SPACE VEHICLES (INC. 19253 & 19255) | 986 | 1,252 | 1,645 | 1,527 | 1,460 | 2,313 | 2,260 | 2,329 | 2,353 | 2.39 |
| 1929- | AMMUNITION, EXC. FOR SMALL ARMS, N.E.C. | NA | NA | NA | NA | NA | 356 | 281 | 295 | 651 | NA |
| 1929A | AMMO. OV 30 MM (OR 1.18 IN. & OV), N.E.C. & RCPTS. & APMC, LOADING & ASSEMBLY OV 30 MM (OR OV 1.18 IN.) (INC. 19291 & 19292) | NA | NA | NA | NA | NA | 169 | 158 | 198 | 390 | NA |
| 1929B | AMMUNITION N.E.C. & AMMO. N.E.C., N.S.K. (INC. 19293 & 19290) | NA | NA | NA | NA | NA | 187 | 123 | 97 | 262 | NA |
| 1931- | TANKS & TANK COMPONENTS | NA | NA | NA | NA | NA | 454 | 322 | 207 | 289 | NA |
| 19310 | TANKS & TANK COMPONENTS | NA | NA | NA | NA | NA | 454 | 322 | 207 | 289 | NA |
| 1941- | SIGHTING & FIRE CONTROL EQUIPMENT MADE FROM PURCHASED LENSES | NA | NA | NA | NA | NA | 107 | 86 | 104 | 84 | NA |
| 19410 | SIGHTING & FIRE CONTROL EQUIPMENT | NA | NA | NA | NA | NA | 107 | 86 | 104 | 84 | NA |
| 1951- | SMALL ARMS, 30 MM. & UNDER | 86 | NA | 105 | 139 | 181 | 149 | 155 | 172 | 247 | 2.88 |
| 19510 | SMALL ARMS, 30 MM & UNDER | 86 | NA | 105 | 139 | 181 | 149 | 155 | 172 | 247 | 2.88 |
| 1961- | SMALL ARMS AMMUNITION | 151 | 159 | 130 | 152 | 164 | 192 | 209 | 230 | 451 | 2.99 |
| 19610 | SMALL ARMS AMMUNITION | 151 | 159 | 130 | 152 | 164 | 192 | 209 | 230 | 451 | 2.99 |
| 1999- | ORDNANCE & ACCESS., N.E.C. | NA | NA | NA | NA | NA | 243 | 282 | 430 | 708 | NA |
| 19990 | ORDNANCE & ACCESSORIES, N.E.C. | NA | NA | NA | NA | NA | 243 | 282 | 430 | 708 | NA |

Table II-7.--IMPORTS--TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND ORDNANCE, 1958-66

| Product code | Title | Imports, for consumption (million dollars) | | | | | | | | | |
|----------------------|--|--|---------|-------|--------|--------|--------|--------|--------|-------|--|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 | |
| | TRANSPORTATION EQUIPMENT | | | | | | | | | | |
| 37 | Transportation equipment, total ¹ | 2,394.2 | 1,272.5 | 976.6 | 2752.3 | 2709.9 | 2578.6 | 2721.5 | 2934.3 | n.a. | |
| | Motor vehicles and equipment ³ | n.a. | n.a. | n.a. | 562.4 | 505.9 | 370.3 | 599.5 | 813.7 | n.a. | |
| 3713, 5, 7; 35197 | Aircraft and missile engine parts, n.e.c..... | n.a. | n.a. | n.a. | 62.4 | 464.2 | 451.3 | 446.6 | 444.3 | 439.9 | |
| 37224, 8 | Aircraft propellers and parts..... | 107.8 | 65.3 | 62.4 | { | 4.7 | 11.1 | 17.5 | 9.0 | 7.5 | |
| 37291 | Aircraft parts and auxiliary equipment, n.e.c. | 32.8 | 20.1 | 7.3 | | 26.0 | 54.7 | 82.2 | 6.7 | 16.3 | |
| 37221, 2, 5 | Aircraft and missile engines..... | 11.2 | 8.5 | 17.0 | { | 1.3 | 0.1 | 0.6 | (Z) | n.a. | |
| 37211 | Military aircraft, complete..... | 147.4 | 63.8 | 2.9 | | 8.6 | 8.5 | 9.1 | 9.2 | 8.3 | |
| 37212, 3 | Nonmilitary aircraft, complete..... | 4.0 | 1.1 | 0.4 | | | | | | n.a. | |
| 37214 | Nonmilitary airplanes, used or rebuilt..... | | | | | | | | | n.a. | |
| 37311, 3; 37321-3 | Ships and boats, nonmilitary..... | 16.4 | 12.7 | 9.8 | | | | | | n.a. | |
| 3741, 2 | Railroad and street cars; locomotives and parts..... | 7.5 | 6.5 | 13.6 | 1.4 | 0.1 | 0.1 | 0.4 | 0.1 | n.a. | |
| 37411, 2 | Locomotives..... | 0.1 | 0.2 | 6.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 37413, 37421-3 | Railroad, passenger train cars, and street-cars, new, and parts, and parts of locomotives..... | 7.4 | 6.3 | 7.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 3751 | Motorcycles, bicycles, and parts..... | 211.2 | 172.3 | 102.6 | 580.3 | 563.0 | 545.9 | 548.9 | 43.1 | 37.5 | |
| 3700 | Transportation equipment, n.e.c..... | 19.7 | 4.6 | 5.7 | 3.8 | 2.3 | 1.6 | 1.2 | 1.0 | n.a. | |
| | INSTRUMENTS AND RELATED PRODUCTS | | | | | | | | | | |
| 38 | Instruments and related products, total | 383.8 | 319.6 | 273.9 | 222.9 | 217.0 | 180.7 | 175.2 | 165.7 | n.a. | |
| 3811; 3821, 2 | Scientific and mechanical measuring instruments and automatic temperature controls.... | 38.0 | 37.2 | 31.1 | 21.1 | 18.4 | 15.4 | 13.4 | 11.0 | n.a. | |
| 38111 | Aircraft flight instruments and automatic pilots; navigational instruments..... | 5.0 | 8.2 | 4.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 38112 | Laboratory and scientific instruments..... | 3.5 | 3.7 | 4.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 38113 | Surveying and drafting instruments and laboratory furniture..... | 15.0 | 14.5 | 13.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 38212 | Integrating meters, nonelectric type..... | 0.7 | 0.2 | 0.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 38211, 3, 4, 6; 3822 | Mechanical measuring and industrial process instruments, n.e.c..... | 13.8 | 10.7 | 8.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 3831, 1941 | Optical instruments and lenses..... | 62.0 | 48.5 | 38.2 | 30.8 | 27.7 | 25.7 | 25.5 | 24.1 | n.a. | |
| 3841 | Surgical and medical instruments and apparatus | 7.5 | 5.5 | 4.6 | 3.9 | 3.8 | 3.0 | 2.4 | 2.0 | n.a. | |
| 3842 | Surgical, orthopedic, and prosthetic appliances and supplies..... | 5.1 | 3.7 | 3.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 38421 | Surgical, etc., supplies, n.e.c..... | 2.9 | 2.1 | 2.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 38423 | Personal industrial safety devices..... | 7 (Z) | 7 (Z) | 7 (Z) | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 38424 | Electric hearing aids..... | 2.2 | 1.6 | 1.7 | 1.1 | n.a. | n.a. | n.a. | n.a. | n.a. | |
| 3843 | Dental equipment and supplies..... | 3.9 | 3.2 | 2.7 | 71.6 | n.a. | n.a. | n.a. | n.a. | n.a. | |

Table II-7.--IMPORTS--TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND ORDNANCE, 1958-66--Con.

| Product code | Title | Imports, for consumption (million dollars) | | | | | | | | |
|--------------|--|--|-------|-------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | INSTRUMENTS AND RELATED PRODUCTS--Con. | | | | | | | | | |
| 3851 | Ophthalmic goods..... | 20.8 | 18.1 | 15.9 | ⁸ 14.4 | ⁸ 11.0 | ⁸ 8.5 | ⁸ 7.1 | ⁸ 6.1 | ⁸ 4.0 |
| 3861 | Photographic equipment and supplies..... | } | 117.2 | 103.6 | 97.4 | ⁹ 75.9 | ⁹ 78.4 | ⁹ 59.5 | n.a. | n.a. |
| 38611 | Still picture equipment and supplies..... | | 48.6 | 44.0 | 37.0 | ¹⁰ 27.7 | ¹⁰ 30.5 | ¹⁰ 25.8 | ¹⁰ 26.2 | ¹⁰ 23.5 |
| 38612 | Photocopying, microfilming, etc., equipment | | | | | ¹¹ 1.1 | ¹¹ 1.3 | ¹¹ 1.0 | ¹¹ 0.5 | n.a. |
| 38613 | Motion picture equipment..... | | 22.3 | 15.9 | 16.8 | ¹⁰ 12.3 | ¹⁰ 11.5 | ¹⁰ 7.5 | ¹⁰ 5.6 | ¹⁰ 4.6 |
| 38615 | Photographic sensitized film and plate..... | 35.6 | 33.6 | 32.7 | 24.3 | 23.6 | 16.6 | 15.0 | 13.6 | 10.1 |
| | Sensitized photographic paper and cloth: | | | | | | | | | |
| 38616 | Silver halide type..... | 10.2 | 9.5 | 10.5 | 10.0 | 11.0 | 8.3 | 7.0 | 6.5 | 4.0 |
| 38617 | Except silver halide type..... | 0.2 | 0.2 | 0.2 | 0.4 | 0.3 | (Z) | 0.3 | (Z) | (Z) |
| 38618 | Prepared photographic chemicals..... | 0.2 | 0.3 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 |
| 3871 | Watches, clocks, and parts, except watchcases | 124.4 | 96.3 | 77.5 | 69.0 | 67.7 | 59.3 | 62.6 | 65.8 | 53.6 |
| 38711 | Clocks ¹² | 17.5 | 13.9 | 11.3 | 7.5 | 6.0 | 6.3 | 6.2 | 5.9 | 5.0 |
| 38714, 5 | Watches and watch and clock parts ¹³ | 106.8 | 82.4 | 66.2 | 61.5 | 61.7 | 53.0 | 56.5 | 59.9 | 48.6 |
| 3872 | Watchcases..... | 5.0 | 3.5 | 2.8 | 3.9 | 5.6 | 5.1 | 5.3 | 5.4 | 4.6 |
| 3800 | Miscellaneous instruments and related products, n.e.c..... | (X) | (X) | (X) | 1.2 | 4.4 | 4.2 | 4.0 | 3.0 | 1.3 |
| | ORDNANCE | | | | | | | | | |
| 19 | Ordnance, total..... | 45.4 | 32.9 | 27.7 | 19.3 | 18.5 | 15.1 | 15.6 | 14.5 | 9.4 |

¹Imports include internal combustion engine parts belonging in code 35197; do not include combat vehicles (code 37174).

²Includes aircraft tires and tubes and bicycle tubes (part of code 3011).

³Imports do not include combat vehicles (code 37174).

⁴Includes aircraft tires and tubes (part of code 3011).

⁵Includes bicycle inner tubes (part of code 3011); 1964 value was \$2.4 million.

⁶Some optical photographic equipment such as projectors and enlargers (part of codes 38611-3) is included with optical instruments (code 3831). Does not include electron microscopes and similar diffraction apparatus (1964 value was \$1.4 million) or certain hand instruments (1964 value was \$1.1 million).

⁷Incomplete.

⁸Includes some hand optical equipment belonging in code 3831 (1964 value was \$1.1 million).

⁹Some optical photographic equipment such as projectors and enlargers (part of codes 38611-3) is included with optical instruments (code 3831) for 1963 and earlier years.

¹⁰Some motion picture equipment (part of code 38613) was included with still picture equipment (code 38611) for 1963 and earlier years; 1964 value was \$2.8 million.

¹¹Office copying machines only.

¹²Imports include clockwork mechanisms.

¹³Imports represents watches and watch movements; timekeeping, measuring, or indicating devices, or instruments, etc.

Table II-8.--EXPORTS--TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND ORDNANCE, 1958-66

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--------------|---|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| 37 | TRANSPORTATION EQUIPMENT | | | | | | | | | |
| | Transportation equipment, total..... | 3,749.8 | 3,282.5 | 3,062.6 | 2,807.7 | 2,875.9 | 2,552.7 | 2,718.8 | n.a. | n.a. |
| | Motor vehicles and equipment ¹ | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | Aircraft..... | 765.5 | 781.1 | 528.4 | 470.8 | 638.4 | 580.7 | 756.6 | n.a. | n.a. |
| | Military aircraft, complete..... | 212.4 | 303.3 | 241.4 | 226.7 | 310.6 | 246.0 | 219.5 | n.a. | n.a. |
| | Complete personal and utility-type aircraft... | 101.3 | 85.6 | 259.1 | 227.7 | 291.2 | 300.8 | 511.4 | n.a. | n.a. |
| | Complete commercial transport-type aircraft..... | 421.1 | 353.2 | 27.9 | 16.4 | 36.6 | 33.9 | 25.7 | n.a. | n.a. |
| | Nonmilitary airplanes, used or rebuilt..... | 30.7 | 39.0 | | | | | | | |
| | Aircraft engines and engine parts..... | 280.3 | 245.8 | 234.9 | 277.6 | 295.9 | 262.5 | 215.6 | n.a. | n.a. |
| | Aircraft engines, military..... | 26.0 | 25.1 | | | | | | | |
| | Nonmilitary aircraft engines..... | 66.2 | 45.8 | 60.3 | 64.0 | 68.5 | 75.9 | 64.0 | n.a. | n.a. |
| | Complete missile or space vehicle engines or propulsion units..... | 4.1 | 5.1 | | | | | | | |
| | Aircraft engine parts and accessories..... | 183.3 | 169.1 | 174.6 | 213.6 | 227.4 | 186.6 | 151.6 | 143.8 | 136.1 |
| | Missile and space vehicle engine and/or propulsion unit parts or accessories..... | 0.7 | 0.7 | | | | | | | |
| | Aircraft propellers and parts..... | 13.5 | 14.0 | 12.7 | 12.4 | 9.0 | 11.6 | 11.1 | 11.5 | 13.1 |
| | Aircraft parts and auxiliary equipment, n.e.c..... | 435.5 | 427.4 | 415.8 | 409.6 | 405.5 | 340.6 | 286.5 | n.a. | n.a. |
| | Other aircraft parts and auxiliary equipment... | 314.8 | 298.2 | 232.6 | 230.6 | 236.6 | 2305.4 | 2256.1 | n.a. | n.a. |
| | Guided missile components..... | 120.8 | 129.2 | 83.2 | 79.0 | 68.9 | 35.2 | 30.4 | n.a. | n.a. |
| | Ships and boats..... | 331.6 | 253.2 | 76.7 | 39.3 | 53.0 | 64.7 | 60.5 | n.a. | n.a. |
| | Self-propelled ships, military..... | 6.1 | 27.8 | 36.9 | 15.0 | 28.0 | 27.9 | 19.9 | n.a. | n.a. |
| | Non-propelled ships..... | 6.3 | 9.4 | | | | | | | |
| | Self-propelled ships, nonmilitary..... | 3.5 | 3.6 | | | | | | | |
| | Inboard and outboard motor boats..... | 8.1 | 6.7 | 39.8 | 24.3 | 25.0 | 36.8 | 40.6 | 106.9 | 79.0 |
| | Other boats, nonmilitary..... | 7.6 | 5.7 | | | | | | | |
| | Rebuilt or converted ships and boats..... | (³) | (³) | | | | | | | |
| | Railroad, streetcars, locomotives, and parts..... | 109.4 | 134.6 | 107.9 | 136.3 | 147.8 | 146.0 | 128.6 | 95.8 | 206.2 |
| | Locomotives and parts..... | 79.2 | 103.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | Locomotives, new--railroad service and switching types..... | 53.2 | 79.5 | 62.5 | 97.7 | 104.2 | 107.9 | 84.7 | 44.0 | 134.5 |
| | All other locomotives, industrial and mining | 3.1 | 5.3 | 5.6 | 4.1 | 4.4 | 6.1 | 2.7 | 2.6 | 5.8 |
| | Parts for locomotives and rebuilt locomotives..... | 22.8 | 18.4 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| | Railroad cars and streetcars..... | 30.1 | 31.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | Passenger train cars, new ⁵ | 0.1 | 0.5 | 0.9 | 0.1 | (Z) | (Z) | (Z) | 0.1 | n.a. |
| | Freight train cars, new..... | 3.0 | 2.8 | | | | | | | |
| | Streetcars, parts and accessories for railroad cars and streetcars..... | 27.1 | 28.0 | 439.0 | 434.5 | 439.2 | 432.1 | 441.2 | 449.1 | 462.9 |
| | Motorcycles, bicycles, and parts..... | 2.7 | 2.3 | 61.7 | 61.8 | 61.8 | 62.0 | 61.7 | 61.8 | 62.0 |

Table II-8.--EXPORTS--TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND ORDNANCE. 1958-66--Con.

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|---------------|---|---|--------|-----------|---------|---------|---------|---------|--------|--------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | TRANSPORTATION EQUIPMENT--Con. | | | | | | | | | |
| 3715 | Truck trailers and parts..... | 17.1 | 15.8 | } 26.0 | 19.5 | 20.4 | 19.3 | 23.4 | n.a. | n.a. |
| 3791 | Trailer coaches, housing type..... | 12.4 | 7.9 | | | | | | | |
| 3799 | Transportation equipment, n.e.c..... | 7.6 | 7.7 | | | | | | | |
| 37991 | Automobile trailers and parts..... | 1.6 | 1.4 | 19.4 | 14.4 | 15.1 | 14.7 | 18.1 | n.a. | n.a. |
| 37992 | Transportation equipment, n.e.c..... | 6.1 | 6.3 | 6.6 | 5.1 | 5.3 | 4.6 | 5.3 | 5.3 | 5.2 |
| | INSTRUMENTS AND RELATED PRODUCTS | | | | | | | | | |
| 38 | Instruments and related products, total..... | 869.2 | 727.4 | 666.4 | 595.9 | 544.1 | 473.9 | 419.1 | n.a. | n.a. |
| 3811, 3821, 2 | Scientific and mechanical measuring instruments, and automatic temperature controls..... | 413.5 | 348.5 | 332.1 | 305.0 | 290.1 | 241.6 | 191.7 | n.a. | n.a. |
| 3811 | Engineering, laboratory, and scientific and research instruments and associated equipment | 156.9 | 129.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 38111 | Aircraft flight instruments and associated equipment..... | 80.0 | 56.8 | 56.0 | 68.4 | 80.3 | 52.1 | 29.6 | n.a. | n.a. |
| 38112 | Laboratory and scientific instruments..... | 69.7 | 66.3 | 85.7 | 66.0 | 57.5 | 50.6 | 45.1 | n.a. | n.a. |
| 38113 | Surveying and drafting instruments and laboratory furniture..... | 7.2 | 6.1 | (7) | (7) | (7) | (7) | (7) | (7) | (7) |
| 3821, 2 | Mechanical measuring and controlling instruments..... | 256.6 | 219.4 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 38211 | Aircraft engine instruments, except flight..... | 8.5 | 10.0 | 10.1 | 11.5 | 9.9 | 9.6 | 7.1 | 4.6 | 4.7 |
| 38212 | Integrating meters, nonelectric type..... | 9.4 | 8.3 | 5.0 | 4.9 | 3.7 | 3.1 | 4.0 | 4.3 | n.a. |
| 38214 | Motor vehicle instruments, except electric..... | 8.1 | 8.4 | } \$175.3 | \$154.3 | \$138.7 | \$126.2 | \$105.9 | n.a. | n.a. |
| 38216 | Other mechanical measuring and controlling instruments..... | 35.4 | 32.1 | | | | | | | |
| 3822; 38213 | Automatic temperature controls, and industrial process instruments..... | 195.1 | 160.7 | | | | | | | |
| 3831; 1941 | Optical instruments and lenses..... | 34.0 | 31.8 | \$35.3 | \$31.6 | \$28.7 | \$25.8 | \$37.6 | n.a. | n.a. |
| 38311 | Optical instruments and lenses, n.e.c..... | 29.2 | 25.9 | 24.3 | 19.7 | 18.7 | 16.3 | 14.0 | n.a. | n.a. |
| 38312; 1941 | Sighting and fire control equipment..... | 4.8 | 5.9 | \$11.0 | \$11.9 | \$10.0 | \$9.5 | \$23.6 | n.a. | n.a. |
| 3841 | Surgical and medical instruments and apparatus..... | 1052.9 | 1044.5 | 1151.4 | 1144.3 | 1138.7 | 1133.8 | 1128.8 | n.a. | n.a. |
| 3842 | Surgical, orthopedic, and prosthetic appliances and supplies..... | 1239.0 | 1235.0 | 1233.1 | 132.5 | 132.2 | 126.6 | 125.5 | 124.9 | 123.9 |
| 38421 | Surgical, etc., supplies, n.e.c..... | 32.8 | 28.6 | 1316.4 | 1317.3 | 1317.2 | 1313.2 | 1312.5 | 1311.6 | 1313.2 |
| 38423 | Personal industrial safety devices..... | 120.2 | 120.3 | 10.1 | 9.1 | 8.9 | 7.7 | 7.6 | 7.9 | 6.3 |
| 38424 | Electric hearing aids..... | 5.9 | 6.1 | 6.6 | 6.1 | 6.0 | 5.7 | 5.5 | 5.4 | 4.4 |
| 3843 | Dental equipment and supplies..... | 1422.6 | 1418.8 | 15.0 | 14.2 | 13.4 | 12.7 | 13.0 | 12.2 | 12.9 |
| 3851 | Ophthalmic goods..... | 11.8 | 10.8 | 8.2 | 7.9 | 7.6 | 7.2 | 8.3 | 7.6 | 7.2 |
| 38511, 3 | Ophthalmic goods, except focus lenses..... | 7.5 | 7.0 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 38512 | Ophthalmic focus lenses, including contact lenses..... | 4.3 | 3.7 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-8.--EXPORTS--TRANSPORTATION EQUIPMENT, INSTRUMENTS, AND ORDNANCE, 1958-66--Con.

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--------------|--|---|-------|--------|-------|-------|-------|-------|-------|-------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | INSTRUMENTS AND RELATED PRODUCTS--Con. | | | | | | | | | |
| 3861 | Photographic equipment and supplies..... | 285.4 | 229.0 | 183.9 | 154.5 | 128.7 | 121.6 | 109.0 | 92.9 | 85.2 |
| 38611 | Still picture equipment and supplies..... | 50.6 | 40.1 | } 61.1 | 44.9 | 34.8 | 34.3 | 28.5 | n.a. | n.a. |
| 38612 | Photocopying, microfilming, etc., equipment.... | 52.1 | 35.7 | | | | | | | |
| 38613 | Motion picture equipment..... | 28.8 | 27.4 | 20.1 | 20.1 | 16.6 | 18.2 | 17.9 | 14.6 | 15.5 |
| 38615 | Photographic sensitized film and plate..... | 107.1 | 87.7 | 176.4 | 166.1 | 159.5 | 154.2 | 150.6 | 145.1 | 139.2 |
| 38616 | Sensitized photographic paper and cloth: | | | | | | | | | |
| 38617 | Silver halide type..... | 25.4 | 20.6 | 16.4 | 13.4 | 11.5 | 9.0 | 8.1 | 6.7 | 5.5 |
| 38618 | Except silver halide type..... | 10.3 | 9.1 | 6.8 | 7.4 | 4.3 | 3.9 | 2.3 | 1.6 | 1.6 |
| | Prepared photographic chemicals..... | 11.1 | 8.4 | 3.0 | 2.6 | 2.0 | 2.0 | 1.6 | 1.3 | 1.3 |
| 3871 | Watches, clocks, and parts, except watchcases..... | 8.7 | 7.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 38711 | Clocks..... | 5.3 | 4.0 | 2.9 | 2.7 | 1.9 | 1.8 | 1.7 | 1.7 | 1.9 |
| 38714, 5 | Watches and watch and clock parts..... | 3.4 | 3.1 | } 4.5 | 3.2 | 2.8 | 2.8 | 3.5 | 3.1 | 3.5 |
| 3872 | Watchcases..... | 1.3 | 1.8 | | | | | | | |
| | ORDNANCE | | | | | | | | | |
| 19 | Ordnance, total..... | 515.9 | 391.0 | 396.1 | 452.4 | 308.5 | 372.9 | 401.0 | n.a. | n.a. |

¹Data are not shown separately for motor vehicles and equipment but are included in the total for transportation equipment.²Includes a substantial value of ground handling and maintenance equipment in more specific classes in 1965 and 1966.³Does not include nonmilitary used and rebuilt ships and boats.⁴Code 37413 included with code 37423 for 1964 and earlier years.⁵Exports do not include self-propelled cars.⁶Does not include motor scooters (in code 37992) or motors shipped as parts of motor bicycles (in code 3519).⁷Exports, except of furniture, included with code 38216.⁸Includes surveying and drafting instruments (part of code 38113).⁹Includes many items of nonoptical sighting and fire control equipment.¹⁰Does not include furniture (in code 3843).¹¹Includes respiratory appliances (1966 value of \$7.5 million and 1965 value of \$6.6 million included in code 38421) and electromedical diagnostic apparatus (1965 value of over \$5 million in code 3693).¹²Does not include most personal industrial safety devices (part of code 38423).¹³Does not include respiratory appliances (in code 38421; 1966 value was \$7.5 million and 1965 value was \$6.6 million) or some miscellaneous pharmaceutical goods included here in 1965 and 1966.¹⁴Includes medical and surgical furniture; excludes sterilizers and some dental supplies.¹⁵Does not include photographic glass plates.

Appendix 1.—Industry Definitions

SIC Industry, title and definition
Code (S - Specialization ratio; C - Coverage ratio)

37 TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and horse drawn vehicles.

371 MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT:

3713 Truck and Bus Bodies (S-88; C-86).—Establishments primarily engaged in the manufacture of truck and bus bodies, for sale separately or for assembly on purchased chassis. Establishments primarily engaged in manufacturing complete trucks and busses are classified in industry 3717, and stamped body parts for trucks and busses in industry 3461.

3715 Truck Trailers (S-92; C-93).—Establishments primarily engaged in the manufacture of truck trailers and truck trailer chassis for sale separately, but not engaged in manufacturing complete trucks and busses. Establishments primarily engaged in manufacturing trailer bodies are classified in industry 3713. Those primarily engaged in manufacturing passenger car trailers are classified in industry 3799; and those primarily engaged in manufacturing trailer coaches are classified in industry 3791.

3717 Motor Vehicles and Parts (S-97; C-98)¹.—Establishments primarily engaged in manufacturing or assembly of complete passenger automobiles, car bodies, trucks, commercial cars and busses (except trackless trolleys, industry 3742), special purpose motor vehicles such as ambulances, fire engines, taxicabs, scout cars, personnel carriers, amphibian motor vehicles, and selected parts and accessories for motor vehicles. Establishments primarily engaged in manufacturing motor vehicles on purchased chassis (ambulances, fire engines, etc.) are classified in industry 3713.

In the 1963 Census of Manufactures, as in 1958, the three SIC industries (3711, 3712, and 3714) have been combined because of a major problem of defining the reporting unit in terms of these industries. This difficulty arises from the fact that many large establishments have integrated operations which include the production of parts or bodies and the assembly of complete vehicles at the same location.

Included in industry 3717 are such parts as passenger-car bodies, motor vehicle engines (except diesel), brakes, clutches, axles, radiators, differential, transmissions, wheels and frames, windshield wipers, automotive bumpers, camshafts, connecting rods, crankshaft assemblies, cylinder heads, drive shafts, exhaust systems, fuel systems, heaters, hoods, horns, instrument board assemblies, lubrication systems, mufflers, power-transmission equipment, rear-axle housings, shock absorbers, steering mechanisms, universal joints, wheel rims, windshield frames, and automobile accessories, n.e.c.

A considerable number of components, parts, and accessories for motor vehicles are not classified in industry 3717 but are classified in other Standard Industrial Classification industries based on the characteristic of the product itself rather than the use to which it is put. Among the more important of these are automotive hardware, industry 3429; automotive stampings, industry 3461; diesel and semi-diesel engines, industry 3519; sealed beam and other electric lamps, industry 3641; motor vehicle lighting fixtures, industry 3642; tire and inner tubes, industry 3011; automobile glass, industry 3211; ignition equipment such as sparkplugs, distributors, switches, ignition coils, generators, cranking motors, etc., industry 3694; storage batteries, industry 3691; automobile radios, industry 3651; and carburetors and pistons, industry 3599.

372 AIRCRAFT AND PARTS:

3721 Aircraft (S-69; C-96).—Establishments primarily engaged in manufacturing or assembling complete aircraft. This industry includes establishments primarily engaged in factory type aircraft modification on a contract or fee basis. Establishments primarily engaged in manufacturing engines, propellers, and other aircraft parts and auxiliary equipment are classified in industries 3722, 3723, and 3729.

3722 Aircraft Engines, and Engine Parts (S-87; C-93).—Establishments primarily engaged in manufacturing aircraft engines, complete missile or space vehicle engines and/or propulsion units and their parts.

3723 Aircraft Propellers and Propeller Parts (S-48; C-81).—Establishments primarily engaged in manufacturing aircraft propellers and propeller parts.

3729 Aircraft Parts and Auxiliary Equipment, N.E.C. (S-75; C-59).—Establishments primarily engaged in manufacturing aircraft parts and auxiliary equipment, n.e.c. Establishments primarily engaged in manufacturing or assembling complete aircraft are classified in industry 3721, aircraft engines and parts in industry 3722, propellers and propeller parts in industry 3723, aeronautical instruments in industry 3811, and aeronautical electrical equipment in industry 3694.

373 SHIP AND BOAT BUILDING AND REPAIRING:

3731 Ship Building and Repairing (S-92; C-99).—Establishments primarily engaged in building and repairing all types of ships, barges, canal boats and lighters, whether propelled by sail or motor power or towed by other craft. This industry also include the conversion and reconversion of ships. Establishments primarily engaged in fabricating structural assemblies or components for ships or subcontractors engaged in ship painting, joinery, carpentry work, electrical wiring installations, etc., are not classified in this industry.

3732 Boat Building and Repairing (S-97; C-95).—Establishments primarily engaged in building and repairing of boats, except rubber boats (industry 3069). Establishments primarily engaged in cleaning and storing boats and the rental of dock space, and yacht clubs are classified in nonmanufacturing industries.

374 RAILROAD EQUIPMENT:

3741 Locomotives and Parts (S-83; C-90).—Establishments primarily engaged in building and rebuilding locomotives (including frames and parts, n.e.c.) of any type or gauge. Railroad shops rebuilding and

¹Calculated on the basis of inclusion of the products primary to industry 1911 as primary to industry 1999. The coverage ratio for industry 1999 alone is 72 percent.

repairing locomotives, or building new locomotives, are classified in Major Group 40.

industry 3871; measuring and dispensing pumps in industry 3586.

3742 Railroad and Street Cars (S-91; C-93).—Establishments primarily engaged in building and rebuilding railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service. This industry also includes establishments primarily engaged in manufacturing trackless trolley busses. Establishments primarily engaged in manufacturing mining cars are classified in industry 3532. Repair shops owned and operated by railroad or local transit companies, rebuilding or repairing cars, or building new cars for their own account, are classified in Major Groups 40 and 41.

375 MOTORCYCLES, BICYCLES, AND PARTS:

3751 Motorcycles, Bicycles, and Parts (S-83; C-93).—Establishments primarily engaged in manufacturing motorcycles, bicycles, and similar equipment and parts. Establishments primarily engaged in assembling motorcycles or bicycles from purchased parts are also included in this industry. Establishments primarily engaged in manufacturing children's vehicles, except bicycles, are classified in industry 3943.

379 MISCELLANEOUS TRANSPORTATION EQUIPMENT:

3791 Trailer Coaches, Housing Type (S-98; C-99).—Establishments primarily engaged in manufacturing trailer coaches (mobile dwellings) for attachment to passenger cars and pickup coaches (campers) for mounting on pick-up trucks.

3799 Transportation Equipment, N.E.C. (S-89; C-75).—Establishments primarily engaged in manufacturing transportation equipment, n.e.c. Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers are classified in industry 3537, and children's vehicles, except bicycles, in industry 3943.

PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS: PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES AND CLOCKS

This major group includes establishments engaged in manufacturing mechanical measuring, engineering, laboratory, and scientific research instruments; optical instruments and lenses; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks. Establishments primarily engaged in manufacturing instruments for indicating, measuring, and recording electrical quantities and characteristics are classified in industry 3611.

381 ENGINEERING, LABORATORY, AND SCIENTIFIC AND RESEARCH INSTRUMENTS AND ASSOCIATED EQUIPMENT:

3811 Engineering, Laboratory, and Scientific and Research Instruments and Associated Equipment, (S-84; C-56).—Establishments primarily engaged in manufacturing laboratory, scientific, and engineering instruments such as nautical, navigational, aeronautical, surveying, drafting, and instruments for laboratory work and scientific research (except optical instruments, industry 3831). Establishments primarily engaged in manufacturing surgical and medical instruments are classified in industry 3841; dental instruments and equipment in industry 3843; mechanical measuring and controlling instruments in industry 3821; machinists' precision measuring tools in industry 3545; instruments for indicating, measuring, and recording electrical quantities and characteristics in industry 3611; watches and clocks in

382 INSTRUMENTS FOR MEASURING, CONTROLLING AND INDICATING PHYSICAL CHARACTERISTICS:

3821 Mechanical Measuring and Controlling Instruments, Except Automatic Temperature Controls (S-90; C-83).—Establishments primarily engaged in manufacturing industrial process instruments for indicating, recording, measuring and controlling temperature (except automatic temperature controls, industry 3822), pressure and vacuum, fluid flow and liquid level, mechanical motion, rotation, humidity, density, acidity, alkalinity and combustion; dial pressure gauges; physical property testing apparatus such as hardness, tension, compression, torsion, ductility, elasticity testing apparatus.

3822 Automatic Temperature Controls (S-82; C-95).—Establishments primarily engaged in manufacturing automatic temperature controls activated by pressure, temperature, level, flow, time, or humidity (including pneumatic controls) of the type principally used as components of household apparatus. Establishments primarily engaged in manufacturing industrial controls are classified in industry 3622.

383 OPTICAL INSTRUMENTS AND LENSES:

3831 Optical Instruments and Lenses (S-90; C-61).—Establishments primarily engaged in the production of optical lenses and prisms, and in manufacturing optical instruments such as microscopes, telescopes, field and opera glasses; and optical measuring and testing instruments such as refractometers, spectrometers, spectroscopes, colorimeters, polariscopes. Establishments primarily engaged in manufacturing eyeglass lenses, frames, or fittings are classified in industry 3851; and those engaged in manufacturing sighting and fire control instruments, but not engaged in manufacturing optical components, in industry 1941.

384 SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS AND SUPPLIES:

3841 Surgical and Medical Instruments and Apparatus (S-88; C-74).—Establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in industry 3842; and electrotherapeutic, electromedical, and X-ray apparatus in industry 3693.

3842 Orthopedic, Prosthetic and Surgical Appliances and Supplies (S-80; C-90).—Establishments primarily engaged in manufacturing orthopedic, prosthetic, and surgical appliances and supplies, arch supports, and other foot appliances; fracture appliances, elastic hosiery, abdominal supporters, braces, and trusses; bandages; surgical gauze and dressings; sutures; adhesive tapes and medicated plasters; and personal safety appliances and equipment. Establishments primarily engaged in manufacturing surgical and medical instruments are classified in industry 3841. Establishments primarily engaged in manufacturing appliances and in the personal fitting to the individual prescription of a physician are classified in trade industries.

3843 Dental Equipment and Supplies (S-94; C-92).—Establishments primarily engaged in manufacturing artificial teeth; dental metals, alloys and amalgams, and a wide variety of equipment, instruments, and supplies used by dentists, dental laboratories, and dental colleges. Dental laboratories constructing artificial dentures, bridges, inlays and other dental restorations on specifications from dentists are classified in service industries.

385 OPHTHALMIC GOODS:

3851 Ophthalmic Goods (S-86; C-92).—Establishments primarily engaged in manufacturing ophthalmic frames, lenses, and sunglass lenses. Establishments primarily engaged in manufacturing slit lamps are classified in industry 3841, and molded glass blanks in industry 3229. Establishments primarily engaged in grinding lenses and fitting glasses to prescription are classified in trade industries.

386 PHOTOGRAPHIC EQUIPMENT AND SUPPLIES:

3861 Photographic Equipment and Supplies (S-95; C-97).—Establishments primarily engaged in manufacturing (1) photographic apparatus, equipment, parts, attachments, and accessories, such as still and motion picture cameras and projection apparatus; photocopy and microfilm equipment; blueprinting and diazotype (white printing) apparatus and equipment; and other photographic equipment; and (2) sensitized film, paper, cloth, and plates, and prepared photographic chemicals for use therewith. Establishments primarily engaged in manufacturing photographic paper stock (unsensitized); and paper mats, mounts, easels and folders for photographic use are classified in Major Group 26; photographic lenses in industry 3831; photographic glass in Major Group 32; chemicals for technical purposes, not specifically prepared and packaged for use in photography, in Major Group 28; and photographic flash, flood, enlarger and projection lamps in industry 3641.

387 WATCHES, CLOCKS, CLOCKWORK OPERATED DEVICES, AND PARTS:

3871 Watches, Clocks, and Parts Except Watchcases (S-82; C-95).—Establishments primarily engaged in manufacturing clocks (including electric), watches, mechanisms for clockwork operated devices, and clock and watch parts. This industry includes establishments primarily engaged in assembling clocks and watches from purchased movements and cases. Establishments primarily engaged in manufacturing watchcases are classified in industry 3872, glass crystals in industry 3231, and unbreakable crystals in industry 3079.

3872 Watchcases (S-86; C-97).—Establishments primarily engaged in the manufacture of watchcases, for sale as such. Establishments primarily engaged in assembling complete watches by assembling purchased movements with watchcases of their own manufacture are classified in industry 3871.

19 ORDNANCE AND ACCESSORIES

This major group includes establishments engaged in manufacturing artillery, small arms, and related equipment; ammunition; complete guided missiles; tanks and specialized tank parts; sighting and fire control equipment; and miscellaneous ordnance and accessories, n.e.c.

191 GUNS, HOWITZERS, MORTARS, AND RELATED EQUIPMENT OVER 30 MM (OR OVER 1.18 INCHES):

1911 Guns, Howitzers, Mortars, and Related Equipment Over 30MM (Or Over 1.18 inches) (S-NA); (C-(NA)).—Establishments primarily engaged in manufacturing naval, aircraft, antiaircraft, tank, coast and field artillery having a bore over 30mm (or over 1.18 inch) and components. Establishments primarily engaged in manufacturing small arms and parts 30mm (or 1.18 inch) and below are classified in industry 1951.

192 AMMUNITION, EXCEPT FOR SMALL ARMS:

1925 Guided Missiles and Space Vehicles, Completely Assembled (S-94; C-69).—Establishments primarily

engaged in manufacturing complete guided missiles and space vehicles and in doing research and development on complete guided missiles and space vehicles. Establishments engaged in manufacturing guided missile components and in doing research and development on guided missile components are classified in industry 3729.

1929 Ammunition, Except for Small Arms, N.E.C. (S-70; C-82).—Establishments primarily engaged in manufacturing ammunition, n.e.c. or in loading and assembling ammunition over 30 mm (or over 1.18 inch) for naval, aircraft antiaircraft, tank, coast, and field artillery; including component parts. This industry also includes establishments primarily engaged in manufacturing bombs, mines, torpedoes, grenades, depth charges, chemical warfare projectiles, and their component parts. Establishments primarily engaged in manufacturing small arms ammunition are classified in industry 1961; explosives in industry 2892 and military pyrotechnics are classified in industry 2899.

193 TANKS AND TANK COMPONENTS:

1931 Tanks and Tank Components (S-95; C-79).—Establishments primarily engaged in manufacturing or assembling complete tanks, and specialized components for tanks. Establishments primarily engaged in manufacturing military vehicles other than tanks are classified in Industry Group 371 and tank engines in industry 3519.

194 SIGHTING AND FIRE CONTROL EQUIPMENT:

1941 Sighting and Fire Control Equipment (S-57; C-80).—Establishments primarily engaged in manufacturing sighting and fire control equipment, but which are not engaged in manufacturing optical lenses and prisms. Important products of this industry include bomb sights, percentage correctors, wind correctors, directors and sound locators. Establishments engaged in manufacturing optical lenses and prisms and also manufacturing sighting and fire control equipment are classified in industry 3831.

195 SMALL ARMS:

1951 Small Arms, 30 mm and Under (or 1.18 Inches and Under) (S-95; C-82).—Establishments primarily engaged in manufacturing small firearms having a bore 30 mm (or 1.18 inch) and below, and parts for small firearms. Establishments primarily engaged in manufacturing artillery and mortars having a bore over 30 mm (or over 1.18 inch), and component parts are classified in industry 1911.

196 SMALL ARMS AMMUNITION:

1961 Small Arms Ammunition 30 mm and Under (or 1.18 Inches and Under) (S-85-90; C-92).—Establishments primarily engaged in manufacturing ammunition for small arms having a bore of 30 mm (or 1.18 inch) and below. Establishments primarily engaged in manufacturing ammunition except for small arms are classified in Industry Group 192; blasting and detonating caps, and safety fuses in industry 2892; and fireworks in industry 2899.

199 ORDNANCE AND ACCESSORIES, N.E.C.:

1999 Ordnance and Accessories, N.E.C. (S-78; C-69)¹.—This industry comprises establishments primarily engaged in manufacturing ordnance and accessories, n.e.c.

¹Calculated on the basis of inclusion of the products primary to industry 1911 as primary to industry 1999. The coverage ratio for industry 1999 alone is 72 percent.

Appendix 2.—Explanatory Notes

CLASSIFICATION

The SIC

Data in this volume are classified within the framework of the Bureau of the Budget *Standard Industrial Classification* (SIC) of 1957. The purpose of the SIC is to provide a means for classifying establishments according to their primary activities, for the purpose of collection, tabulation, presentation and analyses of data relating to establishments.

The SIC identifies four-digit manufacturing industry codes in the following manner:

1. The first two digits identify the general type of activity,
e.g., The code 37 refers to the manufacture of "Transportation Equipment"
2. The third digit identifies a subgroup within the general type of activity,
e.g., 372 represents "Aircraft and Parts"
3. The fourth digit identifies a specific industry within each subgroup,
e.g., 3721 "Aircraft"
3722 "Aircraft Engines and Engine Parts"
3723 "Aircraft Propellers and Propeller Parts"

In the *Annual Survey* and *Census of Manufactures*, each manufacturing establishment is assigned a four-digit code which reflects the primary activity of that establishment. Data collected in these surveys can then be tabulated at the 2-, 3-, or 4-digit levels of the SIC depending on the type of information to be shown. In this publication, table 1 of Section I and tables 1, and 2 of Section II show data at the two-digit level. Tables 2-5 of Section I and 3, 4, and 5 in Section II present data at the four-digit level of the SIC. In all these cases, the data shown represent totals for establishments classified with the same SIC code (i.e., the same first two digits or the same four digits).

Product Classes

To provide more detailed information on product shipments, the Census Bureau has added a fifth digit to the four-digit SIC code described above. Continuing the above example, within the four-digit industry classification "Aircraft" (SIC 3721) the Census Bureau has developed a series of product classes such as:

- 37211 "Military Aircraft"
- 37212 "Personal and Utility Aircraft"
- 37213 "Commercial Transport Aircraft"

The data in tables 6 and 7 of Section I and tables 6-8 of Section II are reported, with some modifications, on the basis of the five-digit product class codes. It is essential to note that the product class codes differ from the SIC, in that their purpose is not to classify establishments but rather to classify groups of products. The codes assigned to these product classes are based on the industries to which they are primary.

Data reported on a product-class basis reflect the total shipments of products (wherever made), rather than the characteristics of establishments that are primarily engaged in making those products.

Modification of Product Class Codes

In table 7 of Section I and table 6 of Section II certain modifications have been made in the product classes developed by the Census Bureau; in order to:

1. Adjust for changes in product class definitions since 1958, and
2. Adjust for the fact that similar products are produced in and are defined as primary to more than one industry.

The first type of adjustment was made in those cases where more detailed product classes have been established since 1958. In this publication, the data for the new product classes have been combined, in order to present comparable data since 1958 rather than for just 1965 and 1966. A five-digit code ending in "A," "B," or "C" identifies this type of combination.

The second type of adjustment was made in those cases where the same product class is primary to more than one industry. This combined total is shown in the four-digit product group in which the largest proportion of the total is produced. A five-digit code ending in "U, V, W, X, Y, or Z" identifies this type of combination. For the other product classes included, the original code is shown; a double dash (-) is shown in the data fields and the reader is referred to the appropriate combination.

As a result of the adjustment made for products being classified as primary to more than one industry, data are not shown for those four-digit product groups which include one or more of these product classes.

These two types of modifications have been carried out in order to present comparable data for

all years, 1958 to 1966, and to show data, to the greatest degree possible, on a wherever made basis.

DEFINITIONS

General Statistics

The so-called general statistics refer to the basic statistical series on number of establishments, number of companies, employment, payroll, production workers, wages, man-hours, value added, value of shipments and capital expenditures, that are tabulated on the two-digit and four-digit SIC level in this publication. As mentioned above, these series are developed by aggregating data for establishments that engage primarily in the same types of activities. The following definitions of terms, used in reporting general statistics, apply to data shown in tables 1-5 of Section I and tables 1-5 of Section II.

NUMBER OF ESTABLISHMENTS: The total number of establishments that are classified with the same SIC code, whether at the two- or four-digit level of the SIC.

NUMBER OF COMPANIES: The total number of companies with at least one establishment classified in a given SIC code (reported at the four-digit level only).

TOTAL EMPLOYMENT: All full-time and part-time employees on the payrolls of operating manufacturing establishments who worked or received pay for any part of the pay period ended nearest the 15th of selected months. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. All plant employees, including plant officials, are included except proprietors and partners of unincorporated firms.

Total employment generally consists for "production workers" of an average of four monthly figures for March, May, August, and November plus for "all other employees" the mid-March figure.

PRODUCTION WORKERS: All workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plants' own use (e.g., power plant) record keeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level are excluded from this category.

ALL OTHER EMPLOYEES: This figure can be derived by subtracting production workers from total employment. Nonproduction personnel of the manufacturing establishment, including those en-

gaged in the following activities: Factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.); professional, and technical. Also included are employees on the payroll of the manufacturing establishment who are engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

PAYROLL: This total represents gross wages and salaries paid in the calendar year to all employees on the payroll of operating manufacturing establishments, following the definition of payrolls used for calculating the Federal withholding tax. Included are all forms of compensation, such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deduction as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of the Armed Forces and pensioners carried on the active payrolls of manufacturing establishments.

PRODUCTION WORKER MAN-HOURS: All plant man-hours of production workers as defined above, represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours). The total excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported.

WAGES: Gross earnings paid in the calendar year to all production workers on the payrolls of operating manufacturing establishments.

VALUE OF SHIPMENTS: Dollar amounts of the received or receivable net selling values, f.o.b. plant, after discounts and allowances, and excluding freight charges and excise taxes. However, where the products of an industry are customarily delivered by the manufacturing establishment (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered prices of the goods.

Value of production data rather than shipments are collected in several instances where value of shipments does not provide a good measure of activity, and where information regarding the value of production is readily reportable. For certain large lead time products (e.g., aircraft) value of work done is substituted.

The value of shipments shown for a product class may differ from the value of production of that class

because of inventory changes during the year. In addition, the shipments data do not reflect the output of products produced and used for further processing in the same plant.

Included in value of shipments are: All items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment; receipts for contract work; and receipts for such miscellaneous activities as sale of scrap and refuse, installation work by plant employees, research and development, and repair work. The net selling value of products made in one plant on a contract basis from materials owned by others was reported by the plant providing the materials. The value of products bought and re-sold without further processing (merchandising) was reported separately and is included in the value of shipments totals for each industry, but are not included in product class totals.

For multi-unit companies, the value of products transferred to other establishments of the same company (i.e., other manufacturing plants, separate sales branches, or retail stores) was tabulated as though each establishment were a separate economic unit. Included in "value of interplant transfers within the company" are not only the direct costs of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

VALUE ADDED: This measure is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments of products manufactured plus receipts for services rendered. The result of this calculation is then adjusted by the addition of value added by merchandising operations (that is the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process inventories between the beginning and end of the year.

"Value added" avoids the duplication in the "value of shipments" figure which results from the use of products of some establishments as materials by others. Consequently, it is useful for comparing the relative economic contribution of the manufacturing process among industries and geographic areas.

CAPITAL EXPENDITURES: For establishments in operation and establishments under construction but not yet in operation, these data include expenditures for (a) permanent additions and major alterations to manufacturing establishments, and (b) new machinery and equipment used for replacement purposes and additions to plant capacity, if these are of the type for which depreciation accounts are ordinarily maintained.

These totals exclude that portion of expenditures for new facilities and equipment leased from non-manufacturing concerns, new facilities owned by the Federal Government but operated under contract

by private companies, and plant and equipment furnished to the manufacturer by communities and organizations. Expenditures for used plant and equipment, expenditures for land, and costs of maintenance and repairs charged as current operating expense are also omitted.

Ratios

A number of ratios have been computed based on the general statistics on industries. The following definitions of ratios apply to table 1 in Section I and tables 1 and 4 in Section II:

VALUE ADDED AS PERCENT OF SHIPMENTS: Computed by dividing "value of shipments" into "value added." The resulting percentage shows the new production contribution of an industry to its value of shipments. The complement of that percentage (100.00 minus the percentage), which is not shown, would be an approximation of the importance of the cost of materials of the industry.

PAYROLL PER EMPLOYEE: Computed by dividing "total employment" into "payroll." The resulting dollar figure is a measure of the average annual payroll of employees in an industry. It should be noted that "payroll" is an actual record of the amount of money paid to employees in a given year, while "total employment" is an estimate based on four months' data for that year.

WAGES PER PRODUCTION WORKER: Computed by dividing "production workers" into "wages." It is a measure of the annual wages of wage earners in an industry. As in the case of "payroll per employee," it should be noted that the dollar figure, for "wages" is an actual record of amount paid, while "production workers" is estimated by averaging data for four months of the year.

VALUE OF SHIPMENTS PER PRODUCTION WORKER: Computed by dividing "production workers" into "value of shipments." It is important to note that the "value of shipments" may be affected by several factors, such as cost of materials and the importance of receipts and payments for contract work, which have little or no relationship to the number of production workers.

VALUE ADDED PER PRODUCTION WORKER: Computed by dividing "production workers" into "value added." Since there are fewer factors in "value added" than in "value of shipments" that are unrelated to the number of production workers, this measure permits better comparisons of average net contributions of the production process per production worker among industries, areas, and establishments. This ratio does not express the contribution of each production worker to the manufacturing process exclusive of the contribution of the other factors of production but rather expresses a numerical measure of the relationship between the two parameters.

VALUE ADDED PER DOLLAR OF WAGES: Computed by dividing "wages" into "value added."

The resulting ratio measures the relative importance of "wages" to net contribution of the whole manufacturing process to dollars of wages paid to the labor factor of production.

WAGES PER PRODUCTION WORKER MAN-HOUR: Computed by dividing "man-hours" into "wages." The resulting dollar figure is a rough measure of average hourly earnings. It is not a measure of the wage rate since "wages" includes premium payments for overtime as well as vacation and sick leave pay, bonuses, etc.

ANNUAL MAN-HOURS PER PRODUCTION WORKER: Computed by dividing "production workers" into "man-hours."

In table 2 of Section II, two ratios have been computed. The ratios relate average capital expenditures (1963-65) to averages for the other two parameters—value added and production workers. The *average annual* capital expenditures divided by *average annual* value added in the first ratio and divided by *average annual* production worker employment for 1963-65 in the second. Averages were used in calculating ratios because capital expenditures tend to be highly variable on an annual basis.

Product Class Statistics

Data are available on domestic shipments, imports and exports by five-digit product class. The following definitions of terms refer to product class data reported in tables 6 and 7 in Section I and tables 6-8 in Section II.

VALUE OF SHIPMENTS: On a "product" basis represents the total value of shipments of classes of products, wherever made. They include not only shipments of these products by the industry in which they are primary, but also shipments as secondary products, by establishments in other manufacturing industries.

Dollar amounts shown are the received or receivable net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. However, where the products are customarily delivered by the manufacturing establishment (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered price of goods. As mentioned in an earlier section, value of production is reported in several areas where value of shipments does not provide a good measure of activity.

There is a *very important* distinction between the industry and product value of shipments. This distinction is reflected at the four-digit level in industry tables (2 and 4 in Section I, 4 in Section II) and in product class tables (6 in Section I, 6 in Section II). For example, 1966 values of shipments for Photographic Equipment (SIC 3861 are shown in table 4 of Section II as \$3,286 million while in table 6 of that same section shipments appear as \$2,831 million. The difference is accounted for by the fact that the industry shipments are based

on total shipments of establishments classified in an industry and therefore include not only shipments of primary products of that industry, but also shipments of other products and other receipts from contract work resales, etc. The product shipments represent only shipments of primary products, including those made by establishments not in the industry to which the products are primary.

IMPORTS: The dollar value shown for imports is defined ordinarily as the market value in the foreign country and excludes U.S. import duties, transportation, insurance and similar costs. In some cases, imports may be valued at the "American Selling Price." In practice, only the values reported for imports subject to an ad valorem rate of duty (approximately 10 to 15 percent of U.S. imports) tend to conform to this definition. For other imports, the reported values may inadvertently include ocean freight or related costs.

EXPORTS: The dollar value of exports is defined at the point of exportation. Included are the selling price, or cost if not sold, and expenditures for freight, insurance, and other costs to the exportation point.

SOURCES AND LIMITATIONS OF DATA

Sources

The statistical data in this publication are derived directly or indirectly from various Bureau of the Census publications.

All tables, except Section II, tables 7, and 8 are derived from the *Censuses of Manufactures* for 1958 and 1963 and the *Annual Surveys of Manufactures* for 1959-62 and 1964-66.

Imports and exports shown in tables 7 and 8 of Section II are taken directly from a Census Bureau publication titled, *U.S. Commodity Exports and Imports as Related to Output*.

Methods of Compilation

Most of the data were collected as part of the *Census of Manufactures* and *Annual Survey of Manufactures* programs. Data for 1958 and 1963, except foreign trade data, are based on reports covering all manufacturing establishments, and represent, therefore, the most accurate across-the-board information available on U.S. manufacturing activity. Data for 1959-62 and 1964-66 are estimates based upon reports received from a probability sample of all manufacturing establishments. The estimates obtained from the sample will vary from the totals that would have been obtained from a complete canvass of all manufacturing establishments. The relative magnitude of the sampling variation is indicated in the *Annual Survey of Manufactures* publications under the caption "standard error of estimate." These standard

errors are not shown in this report. However, where the standard error of estimate is 15 percent or more for industry data, the figures are indicated as not available (n.a.) and in the case of product classes, an asterisk (*) preceding the data is used to identify years in which the standard error is 15 percent or more.

In using the time series on industries or product classes, it is important to note that both the data in any given year other than 1958 or 1963 as well as the year-to-year changes will be influenced in part by sampling variability.

Import and export data may be affected in some commodity areas by the fact that low valuation transactions are not included. Commodity information is not collected for individual import and export shipments valued under \$100 or for imports on informal entries. Informal entries, by definition, contain only items valued at not more than \$250. This does not seriously understate the published data.

Another problem with foreign trade data arises from the fact that in many cases the classification and valuation of products to be imported or exported is done basically by the importer, exporter, or designated representatives. Inaccuracies, particularly with respect to export data, may occur through errors in classification.

Price Changes

In using time series based on dollar valuation, it should be remembered that none of the data have been adjusted for changes in prices. Therefore, the real growth in shipments of a given item, during any period may be understated or overstated relative to other products or items.

Changes in Product Mix

Although the classification of industry and product statistics presented in this publication changed little during the period covered, there were some substantial shifts in the relative importance of products within industries or product classes. The characteristics of an industry may have changed substantially during the 1958-66 period as a result of such changes in the product mix. Related changes in types of processes or materials used may also significantly affect the meaningful comparison of an industry or product class over time. For analysis of changes in product mix, data on individual products are available on a continuing basis for many products from the *Current Industrial Reports* series of the Bureau of the Census and for all products in years for which a complete *Census of Manufactures* is conducted.

Duplication in Shipments Data

The value of shipments data shown in this publication may contain extensive duplication, particularly at the two-digit SIC level. This occurs because the shipments of one four-digit industry (e.g., flour) become the "materials" of another four-digit industry (e.g., bakeries). At the two-digit SIC level the value of shipments of the flour is counted twice. This problem also occurs at the four-digit SIC and five-digit product class levels to a lesser extent. For example, when equipment and its component parts are classified as a unit, shipments of the parts by parts manufacturers to equipment manufacturers would be double-counted.

Growth Rankings

Tables 4, 6, and 7 of Section I present rankings of industries and product classes based on the growth in value of shipments between 1958 and 1966. These rankings should be used with caution for several reasons already mentioned, including sampling errors, price changes, etc. In addition, it should be noted that the rankings are not complete, because 1958 data were not available in some cases. For example, some of the rapidly growing plastics products are excluded from tables 6 and 7 in Section I for this reason.

Comparing Exports, Imports, and Shipments

Caution should be used in comparing product class shipments with imports and/or exports as reported in tables 6-8 of Section II. As mentioned earlier, the methods of valuation used are substantially different. Shipments are valued at f.o.b. plant, exports at f.o.b. port of exportation, and imports at f.o.b. foreign port of exportation. Other reasons for using caution in comparing shipments, exports and imports include:

- a. Shipments as described above may include duplication that would overstate their value in relation to exports or imports.
- b. Shipments in some areas are classified in not-specified-by-kind classes which can therefore understate shipments in other areas.
- c. Shipments are subject to sampling variability in non-Census years and imports and particularly exports may be subject to error due to reporting procedures used.
- d. Used commodities are included in exports and imports thereby slightly overstating these data relative to shipments.

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LEATHER, STONE, CLAY, GLASS & MISCELLANEOUS MANUFACTURING



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BUSINESS AND DEFENSE SERVICES
ADMINISTRATION

May 1969

Foreword

Leather; Stone, Clay, and Glass; and Miscellaneous Manufacturing presents a statistical picture of economic developments in the leather; stone, clay, and glass products; and miscellaneous manufacturing industries, and some comparable data for other manufacturing industries, for the period 1958 to 1966. Data are from the Bureau of the Census.

The publication consists of: A descriptive introduction covering each of the three industry groups; two series of tables presenting basic statistical data for these industries; and an appendix that provides detailed descriptions of industries covered and explanatory notes on the sources and use of the data. The statistical data are presented in two parts. Section I data show the size and growth of the leather; stone, clay, and glass; and miscellaneous manufacturing industries in relation to all manufacturing and to the largest and fastest growing manufacturing industries. Section II provides more detailed profiles of leather; stone, clay, and glass; and miscellaneous manufacturing, including data on geographic distribution, product shipments, and growth rates, and foreign trade.

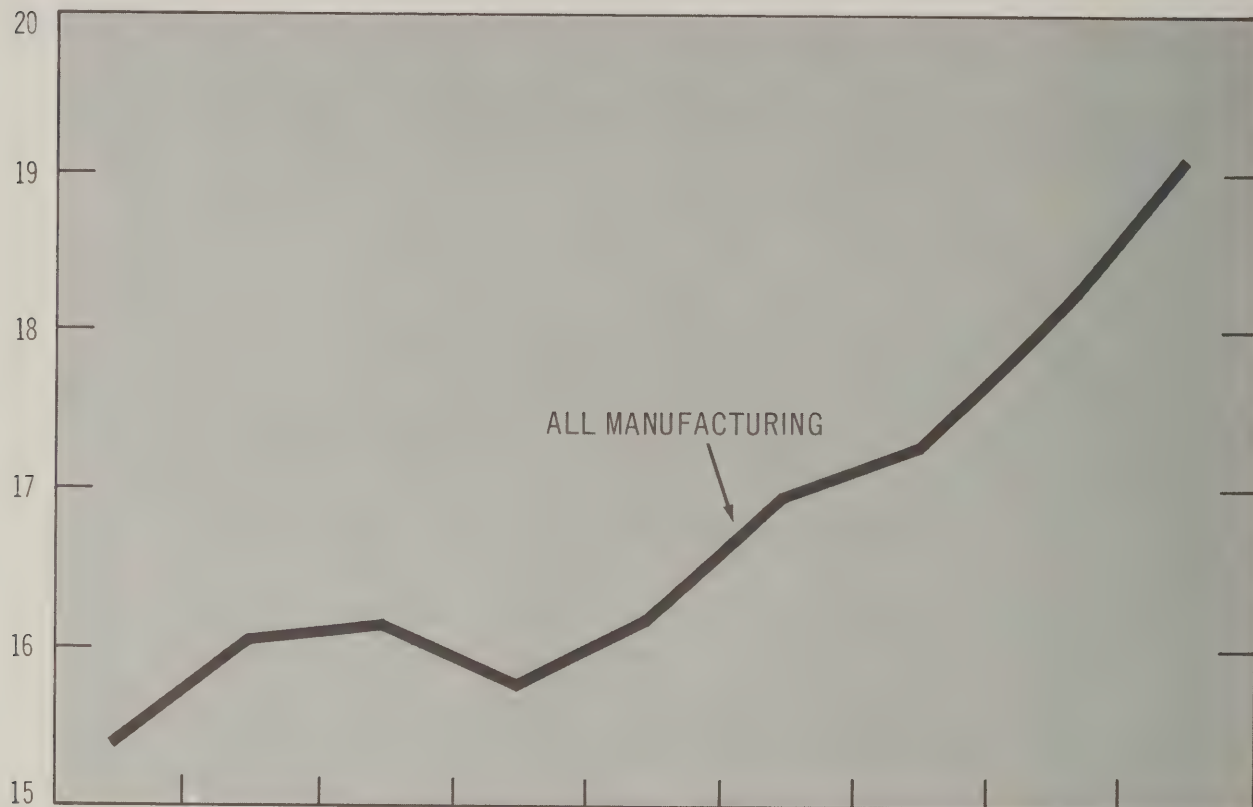
The Office of Industrial Analysis and Business Programs under Davis A. Portner, Assistant Administrator, BDSA, and Thomas E. Murphy, Program Assistant was responsible for the overall planning and preparation of the volume. Narrative and statistical materials were prepared under the supervision of David N. Cohen, Director; Richard Heimlich, Gloria Dickson, and Dorothy Wagner of the Statistical Operations and Analysis Staff, with the cooperation of the Automatic Data Processing Division under Raymond J. Long, Director, Robert Kraft, and Frank Jaffe of Automatic Data Processing Division.

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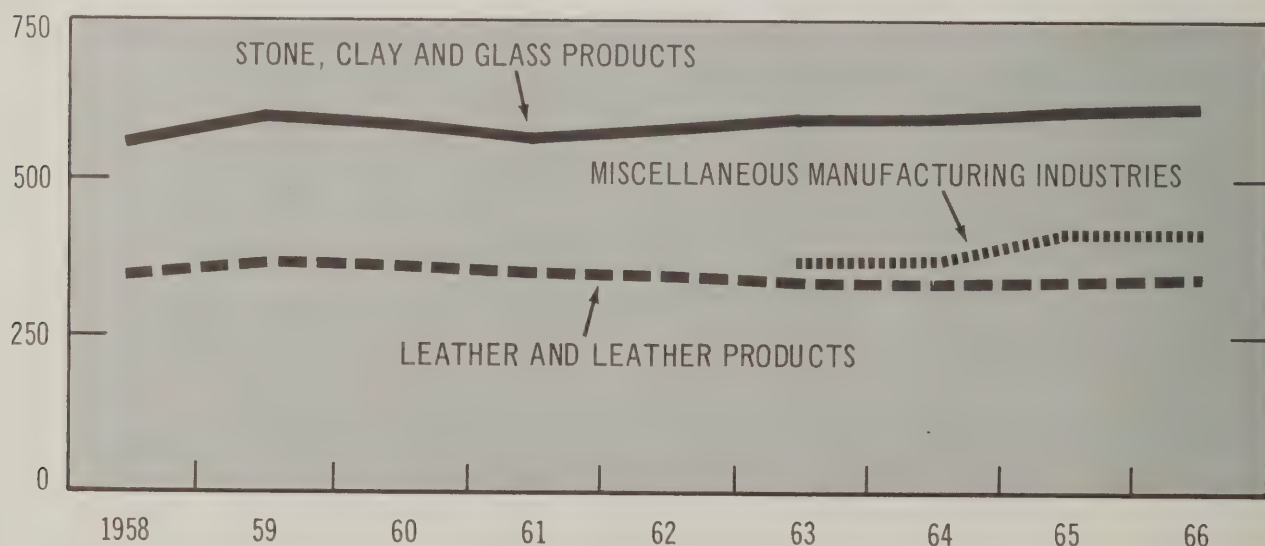
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EMPLOYMENT IN ALL MANUFACTURING LEATHER, STONE, CLAY, AND GLASS; AND MISCELLANEOUS MANUFACTURING, 1958-1966

Millions of Employees



Thousands of Employees



TRENDS IN THE LEATHER; STONE, CLAY, AND GLASS; AND MISCELLANEOUS MANUFACTURING INDUSTRIES¹

Place in the Economy

Despite sizable gains in some areas of the leather; stone, clay and glass; and miscellaneous manufacturing industries since 1958, these three industry sectors all experienced slower rates of growth than all manufacturing. Value added in the leather and stone, clay, and glass groups rose by 3% and 59%, respectively, between 1958 and 1966, while value added for all manufacturing increased 78%. During the period 1963-66, value added for miscellaneous manufacturing increased 24% while value added for all manufacturing gained 31%.² Growth in employment for the three industry sectors also was at a rate below that of all manufacturing in the 1958-66 and the 1963-66 periods.

In 1966, the leather; stone, clay, and glass; and miscellaneous manufacturing provided 7.2% of all factory jobs and accounted for 6.1% of value added by all manufacturing. The industries covered in this volume are generally smaller than many manufacturing industries. Only the footwear, except rubber industry ranks among the 50 largest manufacturing industries in terms of employment and shipments.

The fastest growing industry in the leather and leather products group between 1958 and 1966 was leather gloves which recorded a shipments gain of 65.5%. The remaining leather industries all grew by substantially less than the average rate of 60% for all manufacturing, reflecting increasing

competition from plastics and other materials. This situation is particularly notable because the real growth of the leather industries is somewhat overstated due to the fact that prices in these industries rose sharply during the period.

Among the stone, clay, and glass products industries, the fastest growing industry was pressed and blown glass, which increased in shipments by 108% during the 1958-66 period. This growth was spurred by substantial growth in the demand for lighting and electronic glassware and for glass fiber.

In the diverse miscellaneous manufacturing sector, by far the greatest gain occurred in shipments of hand stamps, stencils, and other marking devices—up 133%. Jewelry shipments also grew rapidly, more than doubling during the period.

Geographic Distribution

The leather and leather products industries are heavily concentrated in the traditional industrial areas of the Northeastern United States. Maine, Massachusetts, New Hampshire, New York, and Pennsylvania together account for more than 50% of the industries' employment. This heavy concentration in the northeastern part of the country reflects the fact that the leather and leather products industries are among the oldest established manufacturing industries.

The stone, clay, and glass products group is one of the few manufacturing sectors to be spread throughout the 50 states and the District of Columbia. The major activity, however, is focused on the highly industrialized and populous states. The eight states with the largest population in 1967—California, New York, Pennsylvania, Illinois, Texas, Ohio, Michigan, and New Jersey—accounted for slightly more than 50% of employment in the stone, clay, and glass products industries.

The miscellaneous manufacturing industries are concentrated along the east coast. New York alone accounts for more than one-fifth of total employment in these industries. New Jersey, Pennsylvania, Connecticut, Massachusetts, and Rhode Island account for nearly one-third of the total. The presence of Rhode Island among these major industrial states reflects the state's importance as a jewelry manufacturing center.

¹The leather and leather products industries (SIC Major Group 31) are engaged in tanning, currying, and finishing hides and skins, and in manufacturing finished leather and artificial leather products such as belting and packing, footwear, gloves and mittens, luggage and handbags.

The stone, clay, and glass products industries (SIC Major Group 32) produce flat glass and other glass products, cement, structural clay products, pottery, concrete, and gypsum products, cut stone, and abrasive and asbestos products.

The miscellaneous manufacturing industries (SIC Major Group 39) produce a wide variety of goods including toys, sporting goods, jewelry, musical instruments, pens and pencils, buttons, signs and displays, brooms and brushes, morticians' goods and other products not classified in any other manufacturing group.

See Appendix 1 for more detailed definitions of these industries.

²It is important to note that the miscellaneous manufacturing sector is composed of such diverse and unrelated activities and products that observations made at aggregate levels are much less valid than data at greater levels of detail, (e.g., focusing on individual industries within the sector).

Foreign Trade

In each of the two-digit SIC groups 31, 32, and 39, imports exceed exports. Leather and leather products imports were nearly five times greater than exports in 1966. The United States imports substantial volumes of footwear, gloves, and handbags. Its only significant export is leather.

Imports of stone, clay, and glass products exceeded exports by less than \$20 million in 1966. The most significant import items include flat

glass, glass products, ceramic wall and floor tile, and abrasive products. Imports of vitreous china and fine earthenware table and kitchen articles are also substantial, accounting for over one-third of U.S. consumption of these products in 1966.

Imports of products produced by miscellaneous manufacturing industries were nearly double exports in 1966. More than 70% of U.S. consumption of lapidary products is imported. Games and toys, sporting and athletic goods, and musical instruments are other major import items.

Description of Tables

Section I.—Comparison With All Manufacturing

This section presents data that permit comparison of the leather; stone, clay, and glass; and miscellaneous manufacturing industries with all manufacturing and with other manufacturing areas. There are seven tables.

Table I-1 presents general profiles of all manufacturing and of the three industry groups, SIC 31, 32, and 39 for the period 1958 to 1966. The table shows 13 basic data series related to employment, payrolls, man-hours, value added by manufacture, capital expenditures and selected averages and ratios.

Tables I-2 and I-3, respectively, show the 50 largest industries in terms of shipments and employment in 1966. Tables I-4 and I-5, respectively, show the 50 fastest-growing industries between 1958 and 1966 in terms of shipments and employment. Leather; stone, clay, and glass; and miscellaneous manufacturing industries are underscored in each table. The value of shipments used in table I-4 for computing growth ratios between 1958 and 1966 is not adjusted for changes in prices and product mix. Industries that have experienced decreases or rapid increase in prices during this period may be substantially under or over-stated in terms of their growth relative to other industries. Also, data for industries that have undergone substantial changes in product mix due to technological changes, materials substitutions or similar factors, may be somewhat distorted.

Tables I-6 and I-7 trace product shipments for the 100 fastest-growing product groups and the 200 fastest-growing product classes, respectively. Once again, leather; stone, clay, and glass; and miscellaneous manufacturing products are underscored. The product groups and classes are ranked according to 1966/1968 growth ratios. As with the industry growth ratios described above, the growth ratios shown for product shipments have not been adjusted for changes in price or product mix. Also, certain adjustments have been

made in order to derive comparable data for the 9-year period. For cases in which more detailed product classes have been broken out only in recent years, the data are shown on a total basis. Another adjustment is made for products primary to more than one industry, so that product shipments will reflect total shipments of a product wherever made.

See Appendix 2 for a more detailed explanation of these adjustments and more detailed definitions of terms used in Section I.

Section II.—Profiles of Leather; Stone, Clay, and Glass; and Miscellaneous Manufacturing

This section presents detailed data on the leather; stone, clay, and glass; and miscellaneous manufacturing industries.

Table II-1a presents leather and leather products industry group data by state for the years 1958 and 1963 through 1965. Shipments data have been excluded because of the duplication in counting resulting from intermediate shipments between industries. Tables II-1b and II-1c present similar data, respectively, for stone, clay, and glass products; and miscellaneous manufacturing.

In Tables II-2a, II-2b, and II-2c, capital expenditures and ratios relating capital expenditures to value added and to production workers are shown by state for the major industry groups 31, 32, and 39. Data for 1958 and 1963, 1964, and 1965 are presented with totals shown for the 3-year period 1963-65.

Table II-3 shows the number of companies as well as the total number of establishments and those with 20 or more employees in the year 1963 for each four-digit industry.

Table II-4 presents general statistics and selected ratios for the four-digit industries included in major industry groups.

Table II-5 ranks all leather; stone, clay, and glass; and miscellaneous manufacturing industries

by growth in value of shipments between 1958 and 1966. The same cautions given with respect to table I-4 should be heeded in using this table.

Table II-6 includes product shipments data and growth ratios for all digit product groups and five-digit product classes within the groupings. The same limitations that applied to the product shipments data of Section I also apply here; growth ratios have not been adjusted for changes in price or product mix. And, as noted above and explained in Appendix 2, certain adjustments have been made in the groupings and classes to derive comparable data for the 9-year period.

Tables II-7 and II-8 cover import and export data for the two-digit industry groups and all four-digit product groups and five-digit product classes for which import and export data are available.

For more detailed explanations of terms and methods used in compiling Section II tables, refer to Appendix 2.

Symbols

The key to symbols used in the tables is as follows:

| | |
|--------|--|
| n.a. | Not available. |
| n.c. | Not computed. |
| n.s.k. | Not specified by kind. |
| n.e.c. | Not elsewhere classified. |
| * | Standard error of estimate of 15% or more. |
| ** | Data not shown because four-digit group includes one or more products primary to more than one industry. |
| -- | Data for this product class which is primary to more than one industry, have been aggregated with data for the other product classes with the same definition (see product description for reference). |
| Z | Less than \$500,000. |
| D | Withheld to avoid disclosures of activities of individual firms. |

Section I.—Comparison With All Manufacturing

Table I-1.—GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, LEATHER, STONE, CLAY, AND GLASS, AND MISCELLANEOUS MANUFACTURING, 1958-66

| Year | ALL MANUFACTURING | | | | | | |
|-----------|-----------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 15,393.8 | 73,749.7 | 11,644.2 | 22,632.6 | 49,503.8 | 141,270.3 | 9,075.8 |
| 1959..... | 16,058.7 | 81,148.4 | 12,260.4 | 24,432.5 | 54,658.7 | 160,991.6 | 9,012.3 |
| 1960..... | 16,124.1 | 83,547.2 | 12,179.0 | 24,135.8 | 55,452.1 | 163,230.8 | 9,968.1 |
| 1961..... | 15,744.9 | 83,692.4 | 11,794.5 | 23,325.9 | 54,803.2 | 164,614.0 | 9,415.9 |
| 1962..... | 16,174.8 | 89,926.8 | 12,138.8 | 24,306.9 | 59,176.8 | 179,322.8 | 9,983.9 |
| 1963..... | 16,961.9 | 99,714.3 | 12,232.0 | 24,512.0 | 62,014.4 | 192,103.1 | 11,370.9 |
| 1964..... | 17,268.5 | 106,048.1 | 12,403.3 | 25,245.5 | 65,838.9 | 206,193.6 | 13,287.2 |
| 1965..... | 18,047.6 | 114,143.2 | 13,058.8 | 26,577.5 | 71,376.3 | 226,974.5 | 16,606.6 |
| 1966..... | 19,066.0 | 125,458.8 | 13,810.4 | 28,220.3 | 78,283.4 | 251,013.9 | 20,234.3 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 4,791 | 4,251 | 12,132 | 2.854 | 2.187 | 1,944 |
| 1959..... | 5,053 | 4,458 | 13,131 | 2.945 | 2.237 | 1,993 |
| 1960..... | 5,182 | 4,553 | 13,403 | 2.944 | 2.298 | 1,982 |
| 1961..... | 5,316 | 4,646 | 13,957 | 3.004 | 2.349 | 1,978 |
| 1962..... | 5,560 | 4,875 | 14,773 | 3.030 | 2.435 | 2,002 |
| 1963..... | 5,879 | 5,070 | 15,705 | 3.098 | 2.530 | 2,004 |
| 1964..... | 6,141 | 5,308 | 16,624 | 3.132 | 2.608 | 2,035 |
| 1965..... | 6,325 | 5,466 | 17,381 | 3.180 | 2.686 | 2,035 |
| 1966..... | 6,580 | 5,668 | 18,176 | 3.206 | 2.774 | 2,043 |

| Year | LEATHER AND LEATHER PRODUCTS, SIC 31 | | | | | | |
|-----------|--------------------------------------|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 349.2 | 1,146.0 | 310.1 | 566.0 | 912.3 | 1,898.0 | 31.8 |
| 1959..... | 363.3 | 1,246.2 | 323.7 | 601.0 | 992.6 | 2,120.7 | 34.1 |
| 1960..... | 357.7 | 1,227.3 | 317.3 | 581.5 | 971.6 | 2,043.6 | 34.7 |
| 1961..... | 350.7 | 1,224.5 | 311.7 | 568.0 | 969.6 | 2,040.8 | 34.7 |
| 1962..... | 345.6 | 1,255.5 | 307.6 | 569.1 | 1,000.3 | 2,101.6 | 35.7 |
| 1963..... | 326.8 | 1,225.9 | 292.2 | 542.1 | 980.6 | 2,066.1 | 33.6 |
| 1964..... | 326.7 | 1,285.9 | 291.9 | 553.4 | 1,022.1 | 2,264.7 | 37.7 |
| 1965..... | 335.7 | 1,348.3 | 299.2 | 562.7 | 1,065.3 | 2,322.0 | 46.5 |
| 1966..... | 341.1 | 1,426.0 | 303.1 | 574.4 | 1,125.3 | 2,480.8 | 61.5 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 3,282 | 2,941 | 6,121 | 2.080 | 1.612 | 1,825 |
| 1959..... | 3,430 | 3,066 | 6,551 | 2.137 | 1.651 | 1,857 |
| 1960..... | 3,431 | 3,062 | 6,440 | 2.103 | 1.671 | 1,833 |
| 1961..... | 3,492 | 3,111 | 6,547 | 2.105 | 1.707 | 1,822 |
| 1962..... | 3,633 | 3,252 | 6,081 | 2.101 | 1.758 | 1,850 |
| 1963..... | 3,751 | 3,356 | 7,071 | 2.107 | 1.809 | 1,855 |
| 1964..... | 3,936 | 3,502 | 7,758 | 2.216 | 1.847 | 1,896 |
| 1965..... | 4,016 | 3,560 | 7,761 | 2.180 | 1.893 | 1,880 |
| 1966..... | 4,181 | 3,713 | 8,185 | 2.205 | 1.959 | 1,895 |

Table I-1.--GENERAL STATISTICS AND SELECTED RATIOS, ALL MANUFACTURING, LEATHER, STONE, CLAY, AND GLASS, AND MISCELLANEOUS MANUFACTURING, 1958-66--Con.

| Year | STONE, CLAY, AND GLASS PRODUCTS, SIC 32 | | | | | | |
|-----------|---|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | 552.5 | 2,586.4 | 446.0 | 884.1 | 1,935.0 | 5,333.4 | 488.6 |
| 1959..... | 595.8 | 2,939.0 | 487.5 | 980.7 | 2,199.4 | 6,504.4 | 557.0 |
| 1960..... | 581.4 | 2,950.0 | 474.1 | 959.6 | 2,187.2 | 6,369.8 | 540.9 |
| 1961..... | 567.3 | 2,937.9 | 456.9 | 923.4 | 2,152.9 | 6,287.6 | 554.3 |
| 1962..... | 573.0 | 3,102.5 | 463.2 | 939.4 | 2,180.2 | 6,589.1 | 549.1 |
| 1963..... | 594.4 | 3,213.6 | 456.0 | 930.3 | 2,349.4 | 7,040.5 | 587.0 |
| 1964..... | 580.8 | 3,369.0 | 458.5 | 949.2 | 2,446.9 | 7,492.7 | 627.2 |
| 1965..... | 605.7 | 3,602.1 | 480.8 | 981.1 | 2,640.2 | 7,995.9 | 773.2 |
| 1966..... | 618.6 | 3,837.5 | 491.9 | 998.9 | 2,811.7 | 8,494.6 | 939.5 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | 4,681 | 4,338 | 11,958 | 2.756 | 2.189 | 1,982 |
| 1959..... | 4,933 | 4,511 | 13,342 | 2.957 | 2.243 | 2,012 |
| 1960..... | 5,073 | 4,613 | 13,435 | 2.912 | 2.279 | 2,024 |
| 1961..... | 5,179 | 4,712 | 13,761 | 2.920 | 2.331 | 2,021 |
| 1962..... | 5,414 | 4,707 | 14,225 | 3.022 | 2.321 | 2,028 |
| 1963..... | 5,406 | 5,152 | 15,440 | 2.997 | 2.525 | 2,040 |
| 1964..... | 5,801 | 5,337 | 16,342 | 2.062 | 2.578 | 2,070 |
| 1965..... | 5,947 | 5,491 | 16,630 | 3.028 | 2.691 | 2,040 |
| 1966..... | 6,203 | 5,716 | 17,269 | 3.021 | 2.815 | 2,031 |

| Year | MISCELLANEOUS MANUFACTURED INDUSTRIES, SIC 39 | | | | | | |
|-----------|---|----------------------------------|-----------------------|-------------------------|--------------------------------|--------------------------------------|---|
| | Total employment | | Production workers | | | Value added (millions of dollars) | Capital expenditures (millions of dollars) |
| | Number (thousands) | Payroll (millions of dollars) | Number (thousands) | Man hours (millions) | Wages (millions of dollars) | | |
| 1958..... | Not Available | | | | | | |
| 1959..... | | | | | | | |
| 1960..... | | | | | | | |
| 1961..... | | | | | | | |
| 1962..... | | | | | | | |
| 1963..... | 389.4 | 1,805.0 | 314.8 | 615.1 | 1,249.2 | 3,549.7 | 126.8 |
| 1964..... | 393.7 | 1,924.0 | 315.0 | 631.4 | 1,313.7 | 3,762.6 | 137.4 |
| 1965..... | 416.0 | 2,057.7 | 339.6 | 661.1 | 1,408.7 | 4,092.3 | 165.9 |
| 1966..... | 418.5 | 2,152.7 | 340.2 | 666.3 | 1,463.3 | 4,394.4 | 181.3 |

| Year | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------|-----------------------------------|--|--|--|---|--|
| 1958..... | Not Available | | | | | |
| 1959..... | | | | | | |
| 1960..... | | | | | | |
| 1961..... | | | | | | |
| 1962..... | | | | | | |
| 1963..... | 4,635 | 3,968 | 11,276 | 2.841 | 2.031 | 1,953 |
| 1964..... | 4,887 | 4,170 | 11,945 | 2.864 | 2.081 | 2,004 |
| 1965..... | 4,946 | 4,148 | 12,050 | 2.905 | 2.131 | 1,946 |
| 1966..... | 5,144 | 4,301 | 12,917 | 3.003 | 2.196 | 1,959 |

Table I-2.--FIFTY LARGEST INDUSTRIES, RANKED BY 1966 VALUE OF SHIPMENTS*

| SIC code | Description | 1966 value of shipments (millions of dollars) |
|----------|---|--|
| 3717 | Motor Vehicles and Parts..... | 45,630 |
| 3312 | Blast Furnaces and Steel Mills..... | 21,193 |
| 2911 | Petroleum Refining..... | 18,742 |
| 2011 | Meat Packing Plants..... | 15,069 |
| 3721 | Aircraft..... | 9,000 |
| 3662 | Radio, TV Communication Equipment..... | 7,563 |
| 2026 | Fluid Milk..... | 7,435 |
| 2818 | Organic Chemicals, n.e.c..... | 6,541 |
| 275X | Commercial Printing Except Engraving..... | 5,994 |
| 2711 | Newspapers..... | 5,520 |
| 2051 | Bread and Related Products..... | 5,007 |
| 3571 | Computing and Related Machines..... | 4,833 |
| 2621 | Paper Mills, Except Building..... | 4,805 |
| 3079 | Plastics Products, n.e.c..... | 4,658 |
| 3722 | Aircraft Engines and Parts..... | 4,572 |
| 2042 | Prepared Animal Feeds..... | 4,438 |
| 2834 | Pharmaceutical Preparations..... | 4,432 |
| 3522 | Farm Machinery and Equipment..... | 4,332 |
| 3651 | Radio and TV Receiving Sets..... | 4,092 |
| 3679 | Electronic Components..... | 4,002 |
| 2819 | Inorganic Chemicals, n.e.c..... | 3,845 |
| 3729 | Aircraft Equipment, n.e.c..... | 3,781 |
| 3531 | Construction Machinery..... | 3,768 |
| 1925 | Complete Guided Missiles..... | 3,767 |
| 3461 | Metal Stampings..... | 3,756 |
| 3011 | Tires and Inner Tubes..... | 3,716 |
| 3357 | Nonferrous Wire Drawing, etc..... | 3,711 |
| 2211 | Weaving Mills, Cotton..... | 3,562 |
| 2821 | Plastics Materials and Resins..... | 3,533 |
| 2421 | Sawmills and Planing Mills..... | 3,391 |
| 3861 | Photographic Equipment..... | 3,286 |
| 2033 | Canned Fruits and Vegetables..... | 3,216 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 3,139 |
| 3352 | Aluminum Rolling and Drawing..... | 3,100 |
| 2850 | Paints and Allied Products..... | 2,970 |
| 282X | Man-Made Fibers..... | 2,916 |
| 2653 | Corrugated Shipping Containers..... | 2,891 |
| 3599 | Miscellaneous Machinery..... | 2,865 |
| 2111 | Cigarettes..... | 2,860 |
| 2631 | Paperboard Mills..... | 2,853 |
| 3351 | Copper Rolling and Drawing..... | 2,846 |
| 2015 | Poultry Dressing Plants..... | 2,754 |
| 2086 | Bottled and Canned Soft Drinks..... | 2,735 |
| 3321 | Gray Iron Foundries..... | 2,728 |
| 2721 | Periodicals..... | 2,718 |
| 3585 | Refrigeration Machinery..... | 2,713 |
| 2082 | Malt Liquors..... | 2,700 |
| 3141 | Footwear, Except Rubber..... | 2,650 |
| 3411 | Metal Cans..... | 2,631 |
| 3441 | Fabricated Structural Steel..... | 2,602 |

*Leather; stone, clay, and glass; and miscellaneous manufacturing industries are underscored.

Table I-3.--FIFTY LARGEST INDUSTRIES, RANKED BY 1966 EMPLOYMENT*

| SIC code | Description | 1966 employment (thousands) |
|-------------|---|--------------------------------|
| 3717 | Motor Vehicles and Parts..... | 799 |
| 3312 | Blast Furnaces and Steel Mills..... | 559 |
| 3662 | Radio, TV Communication Equipment..... | 377 |
| 3721 | Aircraft..... | 357 |
| 2711 | Newspapers..... | 333 |
| 275X | Commercial Printing Except Engraving..... | |
| 3679 | Electronic Components..... | 234 |
| 2051 | Bread and Related Products..... | 232 |
| 3079 | Plastics Products, n.e.c..... | 224 |
| 2211 | Weaving Mills, Cotton..... | 209 |
| 3141 | Footwear, Except Rubber..... | 206 |
| 2421 | Sawmills and Planing Mills..... | 195 |
| 2335 | Dresses, Womens and Misses..... | 192 |
| 3729 | Aircraft Equipment, n.e.c..... | 190 |
| 3722 | Aircraft Engines and Parts..... | 188 |
| 2011 | Meat Packing Plants..... | 174 |
| 2026 | Fluid Milk..... | 169 |
| 3461 | Metal Stampings..... | 164 |
| 3599 | Miscellaneous Machinery..... | 164 |
| 1925 | Complete Guided Missiles..... | 164 |
| 2511 | Wood Furniture Not Upholstered..... | 160 |
| 3069 | Fabricated Rubber Products, n.e.c..... | 144 |
| 3321 | Gray Iron Foundries..... | 141 |
| 3522 | Farm Machinery and Equipment..... | 137 |
| 3571 | Computing and Related Machines..... | 136 |
| 3731 | Ship Building and Repairing..... | 135 |
| 2621 | Paper Mills, Except Building..... | 135 |
| 2311 | Mens and Boys Suits and Coats..... | 134 |
| 3651 | Radio and TV Receiving Sets..... | 130 |
| 3531 | Construction Machinery..... | 121 |
| 3544 | Special Dies and Tools..... | 120 |
| 2086 | Bottled and Canned Soft Drinks..... | 118 |
| 2321 | Mens Dress Shirts and Nightwear..... | 113 |
| 3661 | Telephone Telegraph Apparatus..... | 113 |
| 3621 | Motors and Generators..... | 112 |
| 2911 | Petroleum Refining..... | 107 |
| 3429 | Hardware, n.e.c..... | 103 |
| 2221 | Weaving Mills, Synthetics..... | 103 |
| 2033 | Canned Fruits and Vegetables..... | 101 |
| 2834 | Pharmaceutical Preparations..... | 98 |
| 3441 | Fabricated Structural Steel..... | 97 |
| 225X | Hosiery..... | 96 |
| 2653 | Corrugated Shipping Containers..... | 96 |
| 2818 | Organic Chemicals, n.e.c..... | 96 |
| 2337 | Womens Suits, Coats and Skirts..... | 95 |
| 282X | Man-Made Fibers..... | 93 |
| 3011 | Tires and Inner Tubes..... | 93 |
| 3494 | Valves and Pipe Fittings..... | 92 |
| 2327 | Separate Trousers..... | 91 |
| 3443 | Boiler Shop Products..... | 91 |

*Leather; stone, clay, and glass; and miscellaneous manufacturing industries are underscored.

Table I-4.--FIFTY FASTEST GROWING INDUSTRIES, RANKED BY 1958-66 SHIPMENTS GROWTH*

| SIC code | Title | Value of shipments (millions of dollars) | | Ratio 1966/1958 |
|-------------|--|---|-------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 138 | 803 | 5.80 |
| 3672 | Cathode Ray Picture Tubes..... | 159 | 812 | 5.10 |
| 3674 | Semiconductors..... | 250 | 1,124 | 4.49 |
| 3571 | Computing and Related Machines..... | 1,104 | 4,833 | 4.38 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c..... | 200 | 829 | 4.15 |
| 2272 | Tufted Carpets and Rugs..... | 318 | 1,206 | 3.80 |
| 1951 | Small Arms, 30 mm. and Under..... | 79 | 274 | 3.46 |
| 3679 | Electronic Components..... | 1,195 | 4,002 | 3.35 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 97 | 321 | 3.33 |
| 3831 | Optical Instruments and Lenses..... | 103 | 332 | 3.23 |
| 3392 | Nonferrous Forgings..... | 99 | 311 | 3.16 |
| 3742 | Railroad and Street Cars..... | 562 | 1,696 | 3.02 |
| 3537 | Industrial Trucks and Tractors..... | 369 | 792 | 2.94 |
| 3399 | Primary Metal Industries, n.e.c..... | 141 | 399 | 2.83 |
| 1961 | Small Arms Ammunition..... | 167 | 468 | 2.79 |
| 3841 | Surgical and Medical Instruments..... | 130 | 360 | 2.76 |
| 3861 | Photographic Equipment..... | 1,205 | 3,286 | 2.73 |
| 3953 | Marking Devices..... | 60 | 162 | 2.71 |
| 3541 | Metal-Cutting Machine Tools..... | 680 | 1,826 | 2.69 |
| 3662 | Radio, TV Communications Equipment..... | 2,853 | 7,563 | 2.65 |
| 3651 | Radio and TV Receiving Sets..... | 1,548 | 4,092 | 2.64 |
| 2262 | Finishing Plants, Synthetic..... | 211 | 550 | 2.61 |
| 2519 | Household Furniture, n.e.c..... | 31 | 78 | 2.55 |
| 3622 | Industrial Controls..... | 413 | 1,049 | 2.54 |
| 3357 | Nonferrous Wire Drawing, etc..... | 1,466 | 3,711 | 2.53 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 95 | 240 | 2.53 |
| 2282 | Throwing and Winding Mills..... | 175 | 438 | 2.51 |
| 3799 | Transportation Equipment, n.e.c..... | 93 | 232 | 2.50 |
| 3499 | Fabricated Metal Products, n.e.c..... | 340 | 850 | 2.50 |
| 3079 | Plastics Products, n.e.c..... | 1,868 | 4,658 | 2.49 |
| 2295 | Coated Fabric, Not Rubberized..... | 247 | 595 | 2.41 |
| 3545 | Machine Tool Accessories..... | 511 | 1,230 | 2.41 |
| 3479 | Metal Coating, Engraving, etc..... | 196 | 469 | 2.39 |
| 3715 | Truck Trailers..... | 335 | 796 | 2.38 |
| 3565 | Industrial Patterns..... | 98 | 233 | 2.37 |
| 3536 | Hoists, Cranes and Monorails..... | 185 | 437 | 2.37 |
| 3791 | Trailer Coaches..... | 461 | 1,089 | 2.36 |
| 3341 | Secondary Nonferrous Metals..... | 724 | 1,709 | 2.36 |
| 3351 | Copper Rolling and Drawing..... | 1,210 | 2,846 | 2.35 |
| 2256 | Knit Fabric Mills..... | 487 | 1,144 | 2.35 |
| 3713 | Truck and Bus Bodies..... | 308 | 719 | 2.33 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c.)..... | 245 | 571 | 2.33 |
| 2327 | Separate Trousers..... | 452 | 1,042 | 2.30 |
| 2844 | Toilet Preparations..... | 1,059 | 2,431 | 2.29 |
| 3542 | Metal-Forming Machine Tools..... | 318 | 728 | 2.29 |
| 3559 | Special Industry Machinery, n.e.c..... | 761 | 1,731 | 2.27 |
| 3572 | Typewriters..... | 238 | 534 | 2.24 |
| 3569 | General Industry Machinery, n.e.c..... | 458 | 1,024 | 2.23 |
| 3451 | Metal Coating, Engraving, etc..... | 425 | 949 | 2.23 |
| 3694 | Engine Electrical Equipment..... | 607 | 1,342 | 2.21 |

*Leather; stone, clay, and glass; and miscellaneous manufacturing industries are underscored.

Table I-5.--FIFTY FASTEST GROWING INDUSTRIES, RANKED BY 1958-66 EMPLOYMENT GROWTH*

| SIC code | Title | Total employment (thousands) | | Ratio 1966/1958 |
|-------------|--|---------------------------------|------|--------------------|
| | | 1958 | 1966 | |
| 1929 | Ammunition, n.e.c..... | 11 | 42 | 3.75 |
| 3674 | Semiconductors..... | 23 | 82 | 3.52 |
| 191X | Guns, Howitzers, Mortars, Ordnance and Accessories, n.e.c..... | 16 | 46 | 2.98 |
| 3672 | Cathode Ray Picture Tubes..... | 9 | 25 | 2.89 |
| 3339 | Primary Nonferrous Metals, n.e.c..... | 3 | 7 | 2.74 |
| 2272 | Tufted Carpets and Rugs..... | 12 | 28 | 2.45 |
| 3662 | Radio, TV Communications Equipment..... | 154 | 377 | 2.44 |
| 3831 | Optical Instruments and Lenses..... | 7 | 17 | 2.43 |
| 3679 | Electronic Components..... | 109 | 234 | 2.15 |
| 1961 | Small Arms Ammunition..... | 9 | 19 | 2.12 |
| 2519 | Household Furniture, n.e.c..... | 2 | 5 | 2.09 |
| 3791 | Trailer Coaches..... | 19 | 39 | 2.06 |
| 3392 | Nonferrous Forgings..... | 5 | 10 | 2.06 |
| 3799 | Transportation Equipment, n.e.c..... | 5 | 9 | 1.99 |
| 3651 | Radio and TV Receiving Sets..... | 67 | 130 | 1.96 |
| 3079 | Plastics Products, n.e.c..... | 116 | 224 | 1.93 |
| 1951 | Small Arms, 30 mm. and Under..... | 8 | 15 | 1.92 |
| 3499 | Fabricated Metal Products, n.e.c..... | 20 | 37 | 1.85 |
| 3399 | Primary Metal Industries, n.e.c..... | 10 | 18 | 1.83 |
| 3742 | Railroad and Street Cars..... | 24 | 44 | 1.80 |
| 3715 | Truck Trailers..... | 16 | 28 | 1.79 |
| 3537 | Industrial Trucks and Tractors..... | 15 | 26 | 1.78 |
| 2327 | Separate Trousers..... | 52 | 91 | 1.76 |
| 2256 | Knit Fabric Mills..... | 18 | 32 | 1.74 |
| 2295 | Coated Fabric, Not Rubberized..... | 10 | 18 | 1.74 |
| 3536 | Hoists, Cranes and Monorails..... | 10 | 16 | 1.73 |
| 358X | Service Industry Machines, n.e.c. (Includes: 3584 Vacuum Cleaners, Industrial and 3589 Service Industry Machines, n.e.c..... | 12 | 20 | 1.73 |
| 3841 | Surgical and Medical Instruments..... | 10 | 18 | 1.71 |
| 3622 | Industrial Controls..... | 27 | 46 | 1.69 |
| 3571 | Computing and Related Machines..... | 81 | 136 | 1.68 |
| 2391 | Curtains and Draperies..... | 16 | 27 | 1.63 |
| 3699 | Electrical Products, n.e.c..... | 10 | 17 | 1.62 |
| 3479 | Metal Coating, Engraving, etc..... | 16 | 25 | 1.61 |
| 3953 | Marking Devices..... | 5 | 9 | 1.60 |
| 2843 | Surface Active Agents..... | 3 | 5 | 1.60 |
| 2892 | Explosives..... | 15 | 24 | 1.60 |
| 3693 | X-Ray and Therapeutic Apparatus..... | 5 | 8 | 1.59 |
| 2399 | Textile Products, n.e.c..... | 18 | 28 | 1.58 |
| 3713 | Truck and Bus Bodies..... | 20 | 32 | 1.58 |
| 2037 | Frozen Fruits and Vegetables..... | 40 | 62 | 1.58 |
| 3497 | Metal Foil and Leaf..... | 4 | 5 | 1.56 |
| 2646 | Pressed and Molded Pulp Goods..... | 4 | 7 | 1.56 |
| 3931 | Musical Instruments and Parts..... | 16 | 25 | 1.56 |
| 3316 | Cold Finishing of Steel Shapes..... | 11 | 17 | 1.55 |
| 2339 | Womens Outerwear, n.e.c..... | 44 | 68 | 1.55 |
| 3872 | Watch Cases..... | 3 | 4 | 1.54 |
| 2262 | Finishing Plants, Synthetic..... | 16 | 25 | 1.54 |
| 3635 | Household Vacuum Cleaners..... | 5 | 8 | 1.54 |
| 3634 | Electrical Housewares and Fans..... | 29 | 45 | 1.53 |
| 282X | Man-Made Fibers (Includes: 2823 Cellulosic Man-Made Fibers and 2824 Synthetic Organic Fibers, Except Cellulosic)..... | 61 | 93 | 1.52 |

*Leather; stone, clay, and glass; and miscellaneous manufacturing industries are underscored.

Table I-6.--ONE HUNDRED FASTEST GROWING PRODUCTS GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|------|---|-----------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 3674 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 2 | 3672 | Cathode Ray Picture Tubes, including Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 3 | 3571 | Computing and Related Machines..... | 1,034 | 4,156 | 4.02 |
| 4 | 3679 | Electronic Components, n.e.c..... | 1,298 | 4,808 | 3.71 |
| 5 | 2272 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 6 | 3742 | Railroad and Street Cars..... | 529 | 1,658 | 3.14 |
| 7 | 3831 | Optical Instruments and Lenses..... | 115 | 361 | 3.12 |
| 8 | 3841 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 9 | 1961 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 10 | 1951 | Small Arms, 30 mm. and Under..... | 86 | 247 | 2.88 |
| 11 | 3541 | Metal-Cutting Machine Tools..... | 587 | 1,639 | 2.79 |
| 12 | 3537 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 13 | 3399 | Primary Metal Products n.e.c..... | 150 | 408 | 2.71 |
| 14 | 3715 | Truck Trailers..... | 284 | 770 | 2.71 |
| 15 | 3861 | Photographic Equipment..... | 1,061 | 2,831 | 2.67 |
| 16 | 3651 | Radio and TV Receiving Sets..... | 1,482 | 3,875 | 2.62 |
| 17 | 3799 | Transportation Equipment, n.e.c..... | 100 | 260 | 2.60 |
| 18 | 2824 | Noncellulosic Organic Fibers..... | 748 | 1,939 | 2.59 |
| 19 | 3351 | Copper Rolling and Drawing Products..... | 1,034 | 2,655 | 2.57 |
| 20 | 2282 | Thrown and Wound Yarns, excluding Wool..... | 199 | 504 | 2.54 |
| 21 | 3499 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 22 | 3392 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 23 | 3497 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 24 | 3545 | Machine Tool Accessories..... | 470 | 1,177 | 2.50 |
| 25 | 3479 | Metal Coating, Engraving and Allied Services, n.ec..... | 184 | 447 | 2.43 |
| 26 | 3542 | Metal-Forming Machine Tools..... | 283 | 680 | 2.41 |
| 27 | 3552 | Textile Machinery..... | 322 | 776 | 2.41 |
| 28 | 1925 | Complete Guided Missiles..... | 1,887 | 4,509 | 2.39 |
| 29 | 2295 | Coated Fabric, Not Rubberized..... | 245 | 582 | 2.37 |
| 30 | 2256 | Knit Fabrics..... | 462 | 1,092 | 2.36 |
| 31 | 3451 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 32 | 3559 | Special Industry Machines, n.e.c..... | 726 | 1,700 | 2.34 |
| 33 | 3953 | Hand Stamps, Stencils and Other Marking Devices..... | 59 | 137 | 2.33 |
| 34 | 3751 | Bicycles, Motorcycles, Motorbikes, Scooters, and Parts... | 106 | 245 | 2.31 |
| 35 | 3361 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 36 | 3589 | Service Industry Machines, n.e.c..... | 222 | 510 | 2.30 |
| 37 | 3572 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 38 | 2844 | Toilet Preparations..... | 1,126 | 2,545 | 2.26 |
| 39 | 3713 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 40 | 2655 | Fiber Cans, Tubes, Drums, etc..... | 189 | 424 | 2.24 |
| 41 | 3622 | General Industry Power Circuit Devices and Controls..... | 447 | 1,002 | 2.24 |
| 42 | 3717 | Motor Vehicles and Parts..... | 19,863 | 44,579 | 2.24 |
| 43 | 3322 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 44 | 3536 | Hoists, Cranes and Monorails..... | 166 | 360 | 2.18 |
| 45 | 3585 | Refrigeration Machinery..... | 1,435 | 3,130 | 2.18 |
| 46 | 3323 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 47 | 3693 | X-Ray Equipment, including X-Ray Tubes and Electrothera- peutic Apparatus..... | 73 | 156 | 2.13 |
| 48 | 2761 | Manifold Business Forms..... | 374 | 794 | 2.12 |
| 49 | 2385 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 50 | 2522 | Metal Office Furniture..... | 273 | 572 | 2.09 |
| 51 | 3562 | Ball and Roller Bearings..... | 637 | 1,331 | 2.09 |
| 52 | 2327 | Men's, Youths' and Boys' Separate Trousers, excluding work..... | 436 | 906 | 2.08 |
| 53 | 3362 | Copper and Copper-Base Alloy Castings..... | 223 | 464 | 2.08 |

See footnote at end of table.

Table I-6.--ONE HUNDRED FASTEST GROWING PRODUCTS GROUPS, RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|------|---|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 54 | 3229 | Pressed and Blown Glass n.e.c..... | 448 | 928 | 2.07 |
| 55 | 2731 | Books, Publishing and Printing..... | 1,011 | 2,081 | 2.06 |
| 56 | 3623 | Electric Welding Apparatus..... | 233 | 481 | 2.06 |
| 57 | 2753 | Engraving and Plate Printing..... | 94 | 192 | 2.05 |
| 58 | 3291 | Abrasive Products..... | 400 | 818 | 2.05 |
| 59 | 3566 | Power Transmission Equipment..... | 623 | 1,274 | 2.05 |
| 60 | 3569 | General Industrial Machines, n.e.c..... | 467 | 960 | 2.05 |
| 61 | 3871 | Watches and Clocks..... | 292 | 592 | 2.03 |
| 62 | 3565 | Industrial Patterns, excluding Shoe..... | 121 | 244 | 2.02 |
| 63 | 3581 | Automatic Vending Machines..... | 131 | 264 | 2.02 |
| 64 | 3911 | Jewelry, Precious Metal..... | 287 | 580 | 2.02 |
| 65 | 2037 | Frozen Fruits, Fruit Juices, Vegetables and Specialties.. | 916 | 1,842 | 2.01 |
| 66 | 2519 | Household Furniture, n.e.c..... | 35 | 71 | 2.01 |
| 67 | 3299 | Other Nonmetallic Mineral Products, n.e.c..... | 54 | 108 | 2.01 |
| 68 | 3369 | Nonferrous castings, n.e.c..... | 233 | 468 | 2.01 |
| 69 | 3555 | Printing Trades Machinery..... | 273 | 550 | 2.01 |
| 70 | 3264 | Porcelain Electrical Supplies..... | 91 | 181 | 1.99 |
| 71 | 3629 | Electric Industrial Goods, n.e.c..... | 213 | 423 | 1.99 |
| 72 | 2752 | Printing, Lithographic..... | 1,366 | 2,702 | 1.98 |
| 73 | 3599 | Carburetors, Pistons, and Other Machine Shop Products.... | 1,118 | 2,217 | 1.98 |
| 74 | 3471 | Electroplating, Plating and Polishing..... | 350 | 688 | 1.97 |
| 75 | 3661 | Telephone Telegraph Apparatus..... | 1,079 | 2,125 | 1.97 |
| 76 | 2061 | Sugar Cane Mill Products and Byproducts..... | 159 | 310 | 1.96 |
| 77 | 2732 | Book Printing..... | 423 | 828 | 1.96 |
| 78 | 3634 | Electric Housewares and Fans..... | 544 | 1,068 | 1.96 |
| 79 | 3941 | Games and Toys, excluding Dolls and Children's Vehicles.. | 522 | 1,023 | 1.96 |
| 80 | 2394 | Canvas Products..... | 114 | 223 | 1.95 |
| 81 | 2521 | Wood Office Furniture..... | 71 | 138 | 1.95 |
| 82 | 2879 | Agricultural Pesticides, and Other Agr. Chemicals..... | 348 | 673 | 1.94 |
| 83 | 3692 | Primary Batteries, Dry and Wet..... | 136 | 264 | 1.94 |
| 84 | 2818 | Organic Chemicals, n.e.c..... | 2,787 | 5,366 | 1.93 |
| 85 | 3531 | Construction Machinery..... | 1,996 | 3,829 | 1.92 |
| 86 | 3694 | Engine Electrical Equipment..... | 587 | 1,124 | 1.92 |
| 87 | 2815 | Intermediate Coal Tar Products..... | 788 | 1,509 | 1.91 |
| 88 | 3535 | Conveyors..... | 334 | 639 | 1.91 |
| 89 | 3544 | Special Dies and Tools..... | 1,320 | 2,520 | 1.91 |
| 90 | 2432 | Veneer and Plywood..... | 836 | 1,509 | 1.90 |
| 91 | 3532 | Mining Machinery and Equipment..... | 275 | 524 | 1.90 |
| 92 | 3452 | Bolts, Nuts, Washers and Rivets..... | 859 | 1,623 | 1.89 |
| 93 | 3582 | Commercial Laundry Equipment..... | 107 | 202 | 1.89 |
| 94 | 2087 | Flavorings..... | 523 | 981 | 1.88 |
| 95 | 2645 | Die-Cut Paper and Board..... | 265 | 497 | 1.88 |
| 96 | 2813 | Industrial Gases..... | 263 | 494 | 1.88 |
| 97 | 3576 | Scales and Balances..... | 71 | 134 | 1.88 |
| 98 | 3642 | Lighting Fixtures..... | 765 | 1,438 | 1.88 |
| 99 | 3519 | Internal Combustion Engines..... | 1,133 | 2,114 | 1.87 |
| 100 | 3567 | Industrial Furnaces and Ovens..... | 185 | 347 | 1.87 |

*Leather; stone, clay, and glass; and miscellaneous manufacturing industries are underscored.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 1 | 38612 | Photocopying, Microfilming, Blueprinting Vandyke, and White Printing Equipment..... | 58 | 549 | 9.53 |
| 2 | 33992 | Nonferrous Nails, Brads, Tacks and Staples..... | 2 | 19 | 9.26 |
| 3 | 30792 | Foamed Plastic Products..... | 54 | 398 | 7.36 |
| 4 | 35593 | Plastics-Working Machinery and Equipment, excluding Patterns and Molds..... | 51 | 265 | 5.21 |
| 5 | 24993 | Particle Board..... | 17 | 90 | 5.17 |
| 6 | 3717A | Combat Vehicles and Motor Vehicle and Parts, n.s.k. (including 37174 and 37170)..... | 65 | 317 | 4.86 |
| 7 | 36795 | Other Electronic Components and Accessories, n.e.c..... | 685 | 3,275 | 4.78 |
| 8 | 24324 | Nonwood Face Plywood and Other Plywood Type Products, Except Particle Wood..... | 27 | 127 | 4.65 |
| 9 | 36622 | Radio and Television Broadcast Equipment and Closed Circuit Systems..... | 76 | 353 | 4.62 |
| 10 | 37323 | All Other Boats..... | 15 | 70 | 4.53 |
| 11 | 36740 | Solid State Semiconductor Devices..... | 237 | 1,068 | 4.51 |
| 12 | 36720 | Cathode Ray Picture Tubes, including Rebuilt Tubes..... | 177 | 774 | 4.37 |
| 13 | 24992 | Pallets and Skids..... | 43 | 188 | 4.35 |
| 14 | 38618 | Prepared Photographic Chemicals..... | 36 | 153 | 4.26 |
| 15 | 35485 | Other Metalworking Machinery..... | 18 | 67 | 3.80 |
| 16 | 37991 | Automobile Trailers, excluding Housing Type Coaches..... | 23 | 86 | 3.80 |
| 17 | 34913 | All Other Barrels, including Beer Barrels and Fluid Milk Shipping Containers..... | 15 | *54 | *3.70 |
| 18 | 35412 | Drilling Machines..... | 30 | 111 | 3.68 |
| 19 | 22720 | Tufted Carpets and Rugs..... | 320 | 1,153 | 3.61 |
| 20 | 2221V | Finished Man-Made Fiber and Silk Broad-Woven Fabrics (including 22218 and 22628)..... | 158 | 550 | 3.49 |
| 21 | 22533 | All Other Knit Outerwear Products, n.e.c..... | 69 | 239 | 3.48 |
| 22 | 36621 | Commercial, Industrial, and Military Electronic Communication Equipment..... | 416 | 1,446 | 3.48 |
| 23 | 35422 | Presses, including Forging Presses..... | 77 | 266 | 3.47 |
| 24 | 36793 | Resistors for Electronic Applications..... | 147 | 493 | 3.36 |
| 25 | 37314 | Ship Repair, U.S. Military..... | 124 | 413 | 3.33 |
| 26 | 28442 | Perfumes, Toilet Water and Colognes..... | 103 | 341 | 3.29 |
| 27 | 34944 | Other Valves and Fittings, excluding Plumbers' Brass Goods and Fittings..... | 152 | 494 | 3.26 |
| 28 | 35418 | Other Machine Tools (including Those Designed For Home, Workshops, Laboratories, etc.)..... | 98 | 320 | 3.26 |
| 29 | 36512 | Household Television Receivers, including Television Combinations..... | 727 | 2,357 | 3.24 |
| 30 | 33991 | Metal Powders and Paste..... | 55 | 178 | 3.23 |
| 31 | 3742A | Freight Train Cars, New Street Cars, and Parts (including 37422 and 37423)..... | 516 | 1,649 | 3.20 |
| 32 | 35592 | Foundry Machinery and Equipment, excluding Patterns and Molds..... | 53 | 168 | 3.19 |
| 33 | 27521 | Magazines and Periodicals..... | 66 | 210 | 3.17 |
| 34 | 35521 | Textile Machinery..... | 144 | 451 | 3.14 |
| 35 | 27523 | Catalogs and Directories..... | 76 | 233 | 3.09 |
| 36 | 35415 | Lathes, Metal Cutting..... | 99 | 303 | 3.07 |
| 37 | 38410 | Surgical and Medical Instruments..... | 131 | 398 | 3.05 |
| 38 | 2282A | Thrown and Textured, Crimped or Bulked Filament Yarns, including Stretch Yarns (including 22823 and 22824).... | 121 | 368 | 3.04 |
| 39 | 28184 | Pesticides and Other Organic Agricultural Chemicals (Not Formulations)..... | 96 | 293 | 3.04 |
| 40 | 37413 | Parts for Locomotives and Rebuilt Locomotives..... | 135 | 407 | 3.01 |
| 41 | 19610 | Small Arms Ammunition..... | 151 | 451 | 2.99 |
| 42 | 27527 | Lithographic Plates Made for Others..... | 68 | 203 | 2.99 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 43 | 33511 | Copper and Copper-Base Alloy Wire (Bare and Tinned) for Purposes Other Than Electrical Transmission..... | 48 | 143 | 2.98 |
| 44 | 35419 | Parts for Metal Cutting Type Machine Tools Sold Separately and Rebuilt Machine Tools..... | 89 | 260 | 2.93 |
| 45 | 23963 | Other Trimmings and Findings..... | 56 | 163 | 2.92 |
| 46 | 33572 | Copper and Copper-Base Alloy Wire (including Strand and Cable) Bare and Tinned, for Electrical Transmission.... | 156 | 454 | 2.90 |
| 47 | 27321 | Book and Pamphlet Printing and Book Binding (Lithographic Process)..... | 168 | 484 | 2.89 |
| 48 | 19510 | Small Arms, 30 mm. and Under..... | 86 | 247 | 2.88 |
| 49 | 28423 | Specialty Cleaning and Sanitation Products..... | 181 | 520 | 2.86 |
| 50 | 36941 | Ignition Harness and Cable Sets..... | 29 | 82 | 2.83 |
| 51 | 23962 | Automobile and Furniture Trimmings..... | 161 | 450 | 2.80 |
| 52 | 39314 | Other Musical Instruments and Parts..... | 48 | 134 | 2.79 |
| 53 | 35370 | Industrial Trucks and Tractors..... | 277 | 768 | 2.78 |
| 54 | 27311 | Textbooks..... | 282 | 779 | 2.77 |
| 55 | 35612 | Hydraulic Fluid Power Pumps and Motors Vacuum Pumps.... | 77 | 212 | 2.76 |
| 56 | 22311 | Finished Wool Yarn, Tops, or Raw Stock Not Spun or Combed At Same Establishment..... | 27 | 75 | 2.75 |
| 57 | 24323 | Softwood Plywood, Exterior Type..... | 127 | 347 | 2.74 |
| 58 | 35414 | Grinding and Polishing Machines (excluding Gear Tooth Grinding, Honing, Lapping, Polishing and Buffing Machines)..... | 89 | 245 | 2.74 |
| 59 | 37321 | Inboard Motor Boats..... | 76 | 208 | 2.74 |
| 60 | 36231 | Arc Welding Machines, Components, and Accessories, excluding Electrodes.... | 66 | 179 | 2.72 |
| 61 | 3452A | Special Industrial Fasteners and Headed Products (Produced by Cold and Hot Heading Other Than Industrial Fasteners) (including 34522 and 34523)..... | 179 | 486 | 2.71 |
| 62 | 37150 | Truck Trailers..... | 284 | 770 | 2.71 |
| 63 | 22952 | Resin-Coated Fabrics..... | 121 | 325 | 2.69 |
| 64 | 35361 | Hoists..... | 59 | 159 | 2.68 |
| 65 | 35623 | Mounted Bearings..... | 35 | 94 | 2.67 |
| 66 | 35893 | Commercial and Industrial Vacuum Cleaners, including Parts and Attachments..... | 13 | *34 | *2.67 |
| 67 | 36624 | Electronic Navigational Aids (excluding Missile Borne and Space Vehicle Borne Equipment)..... | 426 | 1,135 | 2.67 |
| 68 | 28134 | Elemental Gases and Compressed and Liquefied Gases, n.e.c..... | 130 | 345 | 2.65 |
| 69 | 35413 | Gear Cutting and Finishing Machines..... | 23 | 60 | 2.64 |
| 70 | 20373 | Frozen Prepared Foods and Soups..... | 319 | 838 | 2.63 |
| 71 | 32292 | Lighting and Electronic Glassware..... | 143 | 375 | 2.62 |
| 72 | 35451 | Small Cutting Tools for Machine Tools and Metalworking Machinery..... | 301 | 788 | 2.62 |
| 73 | 36792 | Capacitors for Electronic Applications..... | 184 | 478 | 2.60 |
| 74 | 32911 | Nonmetallic Artificial Sized Grains, Powders and Flour Abrasives..... | 39 | 101 | 2.59 |
| 75 | 33574 | Communication Wire and Cable..... | 365 | 948 | 2.59 |
| 76 | 33524 | Rolled Aluminum Rod, Bar, and Structural Shapes..... | 111 | 282 | 2.56 |
| 77 | 33512 | Rolled, Drawn, and Extruded Copper and Copper-Base Alloy Mill Products..... | 987 | 2,513 | 2.55 |
| 78 | 34990 | Fabricated Metal Products, n.e.c..... | 444 | 1,126 | 2.54 |
| 79 | 26414 | Pressure Sensitive Tape..... | 183 | 465 | 2.53 |
| 80 | 33920 | Nonferrous Forgings..... | 132 | 334 | 2.53 |
| 81 | 34970 | Metal Foil and Leaf..... | 145 | 368 | 2.53 |
| 82 | 35851 | Heat Transfer Equipment..... | 716 | 1,808 | 2.53 |
| 83 | 38611 | Still Picture Equipment..... | 179 | 454 | 2.53 |
| 84 | 32293 | Glass Fiber..... | 60 | 150 | 2.52 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|--|-----------------------------------|-------|--------------------|
| | | | 1958 | 1966 | |
| 85 | 36794 | Coils, Transformers, Reactors, and Chokes for Electronic Applications..... | 192 | 484 | 2.52 |
| 86 | 36293 | Other Electrical Equipment for Industrial Use..... | 77 | 193 | 2.51 |
| 87 | 33577 | Magnet Wire..... | 183 | 458 | 2.50 |
| 88 | 26552 | Fiber Cans, Tubes and Other Fiber Products..... | 134 | 333 | 2.49 |
| 89 | 25111 | Radio, Phonograph, and Television Wood Cabinets..... | 114 | 283 | 2.48 |
| 90 | 25224 | Other Metal Office Furniture including Tables, Stands, etc..... | 34 | 85 | 2.48 |
| 91 | 34613 | Job Stampings, Automotive..... | 551 | 1,369 | 2.48 |
| 92 | 36214 | Prime Mover Generator Sets excluding Steam or Hydraulic Turbine..... | 74 | 182 | 2.47 |
| 93 | 38423 | Personal Industrial Safety Devices..... | 56 | 139 | 2.47 |
| 94 | 26416 | Other Coated and Processed Paper, Except Wrappers..... | 135 | 332 | 2.46 |
| 95 | 35483 | Acetylene Welding and Cutting Apparatus..... | 38 | 94 | 2.46 |
| 96 | 36134 | Fuses and Fuse Equipment, Under 2,300 Volts..... | 31 | 76 | 2.46 |
| 97 | 28518 | Putty, Caulking Compounds and Allied Products..... | 65 | 160 | 2.45 |
| 98 | 20372 | Frozen Vegetables..... | 231 | 565 | 2.44 |
| 99 | 22562 | Circular Knit Fabrics..... | 245 | 598 | 2.44 |
| 100 | 27524 | Financial and Legal..... | 50 | 122 | 2.43 |
| 101 | 34790 | Metal Coating, Engraving and Allied Services, n.e.c..... | 184 | 447 | 2.43 |
| 102 | 38615 | Photographic Sensitized Film and Plates..... | 396 | 960 | 2.43 |
| 103 | 20515 | Pastries and Cookies..... | 40 | 97 | 2.42 |
| 104 | 24262 | Hardwood Dimension Stock, Furniture Parts, and Vehicle Stock..... | 103 | 248 | 2.41 |
| 105 | 28443 | Hair Preparations (including Shampoos)..... | 316 | 761 | 2.41 |
| 106 | 36511 | Household and Automobile Radios, and Radio-Phonograph Combinations..... | 345 | 830 | 2.41 |
| 107 | 37172 | Truck Tractors, Truck Chassis and Trucks (Chassis of own Manufacture)..... | 1,934 | 4,656 | 2.41 |
| 108 | 26462 | Other Pressed and Molded Pulp Goods..... | 51 | 122 | 2.40 |
| 109 | 27611 | Continuous Business Forms..... | 169 | 407 | 2.40 |
| 110 | 35453 | Other Attachments and Accessories for Machine Tools and Metalworking Machinery..... | 96 | 231 | 2.40 |
| 111 | 35857 | Other Refrigeration and Air Conditioning Equipment..... | 195 | 469 | 2.40 |
| 112 | 1925A | R and D on Guided Missiles and Space Vehicles and All Other Serv. on Complete Missiles and Space Vehicles (including 19253 and 19255)..... | 986 | 2,353 | 2.39 |
| 113 | 19251 | Guided Missiles and Space Vehicles, Completed..... | 901 | 2,156 | 2.39 |
| 114 | 25222 | Desks..... | 66 | 158 | 2.38 |
| 115 | 38617 | Sensitized Photographic Paper and Cloth, Other Than Silver Halide Type..... | 82 | 196 | 2.38 |
| 116 | 2299A | Bonded Fiber Fabrics (Non-Woven Textiles) and Textile Goods, n.e.c., n.s.k. (including 22991 and 22990)..... | 70 | 165 | 2.37 |
| 117 | 32316 | Other Glass Products, Made of Purchased Glass..... | 157 | 372 | 2.37 |
| 118 | 2253V | Knit Outerwear Sport Shirts (including 22532, 23212, 23312 and 23612)..... | 219 | 517 | 2.36 |
| 119 | 32926 | Vinyl Asbestos Floor Tile..... | 67 | 157 | 2.36 |
| 120 | 3331V | Refined Copper (including 33312 and 33412)..... | 480 | 1,129 | 2.35 |
| 121 | 35622 | Roller Bearings, Complete..... | 269 | 633 | 2.35 |
| 122 | 37177 | Rebuilt Automotive Parts (excluding Carburetors)..... | 80 | 188 | 2.35 |
| 123 | 34510 | Screw Machine Products..... | 429 | 1,002 | 2.34 |
| 124 | 20154 | Canned Poultry..... | 26 | 60 | 2.33 |
| 125 | 36113 | Other Electrical Measuring Instruments..... | 140 | 326 | 2.33 |
| 126 | 36425 | Outdoor Lighting Equipment..... | 76 | 178 | 2.33 |
| 127 | 39530 | Hand Stamps, Stencils, and Other Marking Devices..... | 59 | 137 | 2.33 |
| 128 | 35423 | Other Metal-Forming Machines..... | 61 | 141 | 2.32 |

See footnote at end of table.

Table I-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|--|-----------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 129 | 3532A | Other Mining Machinery and Equipment n.s.k. including Parts and Attachments for Mining Machinery including 35320, 35323 and 35324..... | 143 | 330 | 2.31 |
| 130 | 36443 | Other Noncurrent Carrying Wiring Devices and Supplies... | 59 | *137 | *2.31 |
| 131 | 37510 | Bicycles, Motorcycles, Motorbikes, Scooters and Pts..... | 106 | 245 | 2.31 |
| 132 | 28445 | Other Cosmetics and Toilet Preparations..... | 418 | 961 | 2.30 |
| 133 | 33610 | Aluminum and Aluminum-Base Alloy Castings..... | 400 | 918 | 2.30 |
| 134 | 37171 | Passenger Cars, Knocked Down or Assembled..... | 9,218 | 21,157 | 2.30 |
| 135 | 35311 | Contractors' Off-Highway Wheel Tractors, excluding Parts and Attachments..... | 90 | 206 | 2.29 |
| 136 | 35720 | Typewriters and Parts..... | 189 | 432 | 2.29 |
| 137 | 20874 | Other Flavoring Agents, Except Chocolate Sirups..... | 163 | 371 | 2.28 |
| 138 | 3357X | Appliance Wire and Cord and Flexible Cord Sets (including 33576 and 36996)..... | 127 | 288 | 2.27 |
| 139 | 34441 | Sheet Metal Roofing, Siding and Drainage Equipment..... | 186 | 422 | 2.27 |
| 140 | 36343 | Other Small Household Electric Appliances..... | 336 | 764 | 2.27 |
| 141 | 35416 | Milling Machines..... | 89 | 202 | 2.26 |
| 142 | 36912 | Storage Batteries (Other Than Sli Type) including Parts for Storage Batteries, All Types..... | 79 | 177 | 2.26 |
| 143 | 28411 | Alkaline Detergents and Acid-Type Cleaners..... | 144 | 326 | 2.25 |
| 144 | 35624 | Ball and Roller Bearings Parts and Components..... | 41 | 92 | 2.25 |
| 145 | 36942 | Battery Charging Generators..... | 105 | 236 | 2.25 |
| 146 | 37130 | Truck and Bus Bodies..... | 275 | 619 | 2.25 |
| 147 | 3799A | Other Transportation Equipment, and Transportation Equipment, n.e.c. and n.s.k. (including 37992 and 37990)..... | 77 | 174 | 2.25 |
| 148 | 20872 | Beverage Bases, Except Sirups and Concentrated Fruit Juices..... | 59 | 132 | 2.24 |
| 149 | 29115 | Liquified Petroleum Gases made in Refineries..... | 560 | 1,253 | 2.24 |
| 150 | 35411 | Boring Machines..... | 52 | 115 | 2.24 |
| 151 | 36220 | General Industry Power Circuit Devices and Controls..... | 447 | 1,002 | 2.24 |
| 152 | 36393 | Other Household Appliances and Parts..... | 131 | 294 | 2.24 |
| 153 | 38711 | Clocks..... | 111 | 250 | 2.24 |
| 154 | 26452 | Pasted, Lined, Laminated or Surface Coated Paperboard... | 57 | 127 | 2.23 |
| 155 | 27315 | General Books (Trade), etc..... | 275 | 611 | 2.23 |
| 156 | 35482 | Power-Driven Hand Tool, including Parts and Attachments | 211 | 470 | 2.23 |
| 157 | 36943 | Cranking Motors..... | 82 | 184 | 2.23 |
| 158 | 22561 | Warp-Knit Fabrics..... | 217 | 482 | 2.22 |
| 159 | 27316 | Other Books and Pamphlets..... | 96 | 213 | 2.22 |
| 160 | 30692 | Rubber Hose and Tubing..... | 181 | 400 | 2.22 |
| 161 | 35642 | Dust Collection, Air Purification Equipment and Air Washers..... | 70 | 156 | 2.22 |
| 162 | 33220 | Malleable Iron Castings..... | 203 | 448 | 2.20 |
| 163 | 33996 | Heat Treating of Steel for the Trade..... | 85 | 188 | 2.20 |
| 164 | 35662 | Speed Changers, Industrial High Speed Drives and Gears.. | 234 | 515 | 2.20 |
| 165 | 36422 | Commercial and Institutional Type Electric Fixtures..... | 168 | 370 | 2.20 |
| 166 | 3519A | Diesel and Semidiesel Internal Combustion Engines, (including 35192 and 35194)..... | 314 | 690 | 2.19 |
| 167 | 35318 | Scrapers, Graders, Rollers and Off-Highway Trucks, Trailers, and Wagons (excluding Parts) (See 35319)..... | 326 | 712 | 2.19 |
| 168 | 3589A | Commercial Cooking and Food Warming Equipment, Service Industry Machines and Parts (including 35891 and 35892 | 209 | 458 | 2.19 |
| 169 | 33526 | Aluminum Tube..... | 90 | 195 | 2.18 |
| 170 | 35591 | Chemical Manufacturing Industries Machinery and Equipment..... | 118 | 258 | 2.18 |
| 171 | 35671 | Electric Industrial Furnaces and Ovens, Metal Processing | 36 | 78 | 2.18 |

See footnote at end of table.

Table 1-7.--TWO HUNDRED FASTEST GROWING PRODUCT CLASSES RANKED BY 1958-66 SHIPMENTS GROWTH*--Con.

| Rank | Code | Class of product | Shipments (million of dollars) | | Ratio 1966/1958 |
|------|-------|---|-----------------------------------|--------|--------------------|
| | | | 1958 | 1966 | |
| 172 | 25113 | Wood Dining Room and Kitchen Furniture (excluding Cabinets)..... | 167 | 362 | 2.17 |
| 173 | 33230 | Steel Castings..... | 588 | 1,278 | 2.17 |
| 174 | 33525 | Extruded Aluminum Rod, Bar and Other Extruded Shapes.... | 272 | 591 | 2.17 |
| 175 | 34231 | Mechanics' Hand Service Tools..... | 188 | 409 | 2.17 |
| 176 | 35334 | Other Oil and Gas Field Machinery and Tools..... | 41 | 88 | 2.17 |
| 177 | 37175 | Parts and Accessories for Passenger Cars Trucks and Busses Shipped to Motor Vehicle Manufactures..... | 7,327 | 15,894 | 2.17 |
| 178 | 28441 | Shaving Preparations..... | 75 | 162 | 2.16 |
| 179 | 23113 | Men's Tailored Dress and Sport Coats and Jackets..... | 147 | 317 | 2.15 |
| 180 | 28191 | Synthetic Ammonia, Nitric Acid, and Ammonium Compounds.. | 365 | 785 | 2.15 |
| 181 | 32912 | Nonmetallic Bonded Abrasive Products, including Diamond Abrasives..... | 164 | 353 | 2.15 |
| 182 | 39111 | Jewelry, made of Platinum Metals and Carat Gold..... | 195 | 419 | 2.15 |
| 183 | 28153 | Synthetic Organic Pigments, Lakes, and Toners..... | 80 | 172 | 2.14 |
| 184 | 30793 | Laminated Sheets, Rods and Tubes..... | 163 | 349 | 2.14 |
| 185 | 34291 | Transportation Equipment Hardware..... | 472 | 1,009 | 2.14 |
| 186 | 35595 | Other Special Industrial Machinery and Equipment..... | 415 | 886 | 2.14 |
| 187 | 20922 | Other Soybean Oil Mill Products..... | 487 | 1,036 | 2.13 |
| 188 | 32962 | Mineral Wool for Industrial and Equipment Insulation.... | 142 | 302 | 2.13 |
| 189 | 36930 | X-Ray Equipment, including X-Ray Tubes and Electrotherapeutic Apparatus..... | 73 | 156 | 2.13 |
| 190 | 28198 | Chemical Catalytic Preparations..... | 56 | 119 | 2.12 |
| 191 | 35552 | Other Printing Trades Machinery, including Parts and Attachments..... | 156 | 330 | 2.12 |
| 192 | 23850 | Raincoats and Other Waterproof Outergarments..... | 128 | 270 | 2.11 |
| 193 | 33560 | Nonferrous Metal Rolling and Drawing, n.e.c., including Nonferrous Wire n.e.c. made in Rolling Mills, n.e.c. (See 33575)..... | 428 | 903 | 2.11 |
| 194 | 3357V | Aluminum and Aluminum-Base Alloy Wire (including ACSR) (including 33521 and 33571)..... | 101 | 212 | 2.11 |
| 195 | 35551 | Printing Presses..... | 94 | 199 | 2.11 |
| 196 | 36233 | Resistance Welders, Components, Accessories and Electrodes..... | 48 | 101 | 2.11 |
| 197 | 36945 | Other Complete Electrical Equipment for Internal Combustion Engines..... | 134 | 282 | 2.11 |
| 198 | 24321 | Hardwood Plywood..... | 183 | 383 | 2.10 |
| 199 | 25126 | Furniture Frames for Household Furniture..... | 36 | 77 | 2.10 |
| 200 | 25221 | Chairs, Stools, Couches, etc., including Upholstered.... | 59 | 123 | 2.10 |

*Leather; stone, clay, and glass; and miscellaneous manufacturing industries are underscored.

Section II.—Profiles of Leather; Stone, Clay, and Glass; and Miscellaneous Manufacturing

Table II-1a.—GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, LEATHER AND LEATHER PRODUCTS

NOTE: Data for 1964 and 1965 may be subject to high standard errors of estimate. Consult Chapter 8 of the Annual Survey of Manufactures, 1964-65 for standard errors of estimate.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Arkansas: | | | | | | | | | | | | |
| 1958..... | 3,947 | 9,156 | 3,751 | 6,336 | 8,424 | 20,663 | 2,320 | 2,246 | 5,509 | 2.45 | 1.33 | 1,689 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| California: | | | | | | | | | | | | |
| 1958..... | 5,786 | 22,210 | 4,916 | 9,374 | 16,740 | 37,157 | 3,839 | 3,405 | 7,558 | 2.22 | 1.79 | 1,907 |
| 1963..... | 5,683 | 25,288 | 4,849 | 9,002 | 18,279 | 39,415 | 4,450 | 3,770 | 8,128 | 2.16 | 2.03 | 1,856 |
| 1964..... | 5,881 | 27,135 | 5,116 | 9,951 | 18,663 | 54,855 | 4,614 | 3,648 | 10,722 | 2.94 | 1.88 | 1,945 |
| 1965..... | 5,537 | 25,968 | 4,833 | 9,700 | 19,410 | 40,138 | 4,690 | 4,016 | 8,305 | 2.07 | 2.00 | 2,007 |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 3,456 | 12,231 | 3,096 | 5,688 | 9,895 | 19,256 | 3,539 | 3,196 | 6,220 | 1.95 | 1.74 | 1,837 |
| 1963..... | 2,882 | 9,126 | 2,355 | 4,427 | 7,369 | 13,298 | 3,534 | 3,129 | 5,647 | 1.80 | 1.66 | 1,880 |
| 1964..... | 2,387 | 8,963 | 2,192 | 4,147 | 7,087 | 13,748 | 3,755 | 3,233 | 6,272 | 1.94 | 1.71 | 1,892 |
| 1965..... | 2,194 | 8,461 | 2,024 | 3,791 | 6,743 | 12,518 | 3,856 | 3,332 | 6,185 | 1.86 | 1.78 | 1,873 |
| Delaware: | | | | | | | | | | | | |
| 1958..... | 1,738 | 7,077 | 1,398 | 2,630 | 5,347 | 12,014 | 4,072 | 3,825 | 8,594 | 2.25 | 2.03 | 1,881 |
| 1963..... | 1,718 | 7,306 | 1,384 | 2,783 | 5,510 | 13,503 | 4,253 | 3,981 | 9,757 | 2.45 | 1.98 | 2,011 |
| 1964..... | 1,734 | 7,639 | 1,403 | 2,864 | 5,681 | 14,292 | 4,405 | 4,049 | 10,187 | 2.52 | 1.98 | 2,041 |
| 1965..... | 1,982 | 9,051 | 1,691 | 3,519 | 7,072 | 15,639 | 4,567 | 4,182 | 9,248 | 2.21 | 2.01 | 2,081 |
| Florida: | | | | | | | | | | | | |
| 1958..... | 889 | 2,797 | 761 | 1,462 | 2,125 | 4,903 | 3,146 | 2,792 | 6,443 | 2.31 | 1.45 | 1,921 |
| 1963..... | 1,812 | 5,686 | 1,572 | 2,928 | 4,264 | 9,701 | 3,138 | 2,712 | 6,171 | 2.28 | 1.46 | 1,863 |
| 1964..... | 1,654 | 5,484 | 1,520 | 2,733 | 4,263 | 10,086 | 3,316 | 2,805 | 6,636 | 2.37 | 1.56 | 1,798 |
| 1965..... | 1,854 | 6,433 | 1,624 | 3,193 | 4,958 | 10,477 | 3,470 | 3,053 | 6,451 | 2.11 | 1.55 | 1,966 |
| Georgia: | | | | | | | | | | | | |
| 1958..... | 3,504 | 9,346 | 3,288 | 6,303 | 8,054 | 15,247 | 2,667 | 2,450 | 4,637 | 1.89 | 1.28 | 1,917 |
| 1963..... | 3,957 | 12,990 | 3,750 | 7,504 | 11,066 | 25,085 | 3,283 | 2,951 | 6,689 | 2.27 | 1.47 | 2,001 |
| 1964..... | 3,956 | 13,435 | 3,745 | 7,357 | 11,469 | 23,200 | 3,396 | 3,062 | 6,195 | 2.02 | 1.56 | 1,964 |
| 1965..... | 4,276 | 14,485 | 4,046 | 7,778 | 12,301 | 23,570 | 3,388 | 3,040 | 5,826 | 1.92 | 1.58 | 1,922 |
| Hawaii: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 129 | 451 | 108 | 179 | 395 | 723 | 3,496 | 3,657 | 6,694 | 1.83 | 2.21 | 1,657 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, LEATHER AND LEATHER PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Illinois: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 16,242 | 62,633 | 14,743 | 27,413 | 51,319 | 117,229 | 3,856 | 3,481 | 7,952 | 2.28 | 1.87 | 1,859 |
| 1964..... | 14,664 | 62,804 | 13,262 | 26,103 | 50,790 | 122,403 | 4,283 | 3,830 | 9,230 | 2.41 | 1.95 | 1,968 |
| 1965..... | 15,739 | 66,376 | 14,365 | 27,472 | 54,816 | 131,051 | 4,217 | 3,816 | 9,123 | 2.39 | 2.00 | 1,912 |
| Indiana: | | | | | | | | | | | | |
| 1958..... | 2,640 | 8,473 | 2,460 | 4,789 | 7,470 | 15,727 | 3,209 | 3,037 | 6,393 | 2.11 | 1.56 | 1,947 |
| 1963..... | 3,029 | 11,058 | 2,822 | 5,514 | 9,803 | 20,919 | 3,651 | 3,474 | 7,413 | 2.13 | 1.78 | 1,954 |
| 1964..... | 3,004 | 10,884 | 2,792 | 5,134 | 9,448 | 22,938 | 3,623 | 3,384 | 8,216 | 2.43 | 1.84 | 1,839 |
| 1965..... | 3,007 | 10,746 | 2,784 | 5,031 | 9,178 | 23,074 | 3,574 | 3,297 | 8,288 | 2.51 | 1.82 | 1,807 |
| Iowa: | | | | | | | | | | | | |
| 1958..... | 290 | 686 | 235 | 425 | 476 | 958 | 2,366 | 2,026 | 4,077 | 2.01 | 1.12 | 1,809 |
| 1963..... | 662 | 2,078 | 534 | 893 | 1,404 | 3,248 | 3,139 | 2,629 | 6,082 | 2.31 | 1.57 | 1,672 |
| 1964..... | 503 | 1,800 | 411 | 735 | 1,158 | 2,054 | 3,579 | 2,818 | 4,998 | 1.77 | 1.58 | 1,788 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Kansas: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 106 | 386 | 82 | 152 | 283 | 677 | 3,642 | 3,451 | 8,256 | 2.39 | 1.86 | 1,854 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Kentucky: | | | | | | | | | | | | |
| 1958..... | 2,282 | 6,512 | 2,124 | 3,842 | 5,786 | 13,335 | 2,854 | 2,724 | 6,278 | 2.30 | 1.51 | 1,809 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Maine: | | | | | | | | | | | | |
| 1958..... | 21,519 | 68,246 | 19,126 | 35,359 | 53,606 | 101,125 | 3,171 | 2,803 | 5,287 | 1.89 | 1.52 | 1,849 |
| 1963..... | 24,699 | 91,459 | 22,210 | 41,719 | 73,512 | 135,204 | 3,703 | 3,310 | 6,088 | 1.84 | 1.76 | 1,878 |
| 1964..... | 25,672 | 100,070 | 23,024 | 43,983 | 80,393 | 153,061 | 3,898 | 3,492 | 6,648 | 1.90 | 1.83 | 1,910 |
| 1965..... | 26,923 | 106,661 | 24,305 | 46,044 | 86,443 | 158,856 | 3,962 | 3,557 | 6,536 | 1.84 | 1.88 | 1,894 |
| Maryland: | | | | | | | | | | | | |
| 1958..... | 2,491 | 7,644 | 2,171 | 3,985 | 5,792 | 10,849 | 3,069 | 2,668 | 4,997 | 1.87 | 1.45 | 1,836 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Massachusetts: | | | | | | | | | | | | |
| 1958..... | 61,062 | 215,004 | 53,625 | 95,360 | 166,329 | 342,203 | 3,521 | 3,102 | 6,381 | 2.06 | 1.74 | 1,778 |
| 1963..... | 48,362 | 196,820 | 42,335 | 75,099 | 151,748 | 306,135 | 4,070 | 3,584 | 7,231 | 2.02 | 2.02 | 1,774 |
| 1964..... | 48,825 | 206,059 | 42,727 | 77,966 | 157,746 | 327,469 | 4,220 | 3,692 | 7,664 | 2.08 | 2.02 | 1,825 |
| 1965..... | 48,751 | 211,119 | 42,809 | 76,620 | 159,384 | 338,200 | 4,331 | 3,723 | 7,900 | 2.12 | 2.08 | 1,790 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, LEATHER AND LEATHER PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per pro- duction worker (dollars) | Value added per production worker (dollars) | Value added per dollar or wages (dollars) | Wages per production worker man-hour (\$1,000) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|---------------------|-----------------|-----------------------|--------------------------------|---|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (\$1,000) | Wages (\$1,000) | | | | | | | |
| Mississippi: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 2,161 | 6,475 | 2,007 | 3,907 | 5,925 | 16,258 | 2,996 | 2,952 | 8,101 | 2.74 | 1.52 | 1,947 |
| 1964..... | 2,151 | 7,159 | 2,006 | 3,932 | 6,528 | 17,775 | 3,328 | 3,254 | 8,861 | 2.72 | 1.66 | 1,960 |
| 1965..... | 2,344 | 7,902 | 2,200 | 4,297 | 6,858 | 19,461 | 3,371 | 3,117 | 8,846 | 2.84 | 1.60 | 1,953 |
| Missouri: | | | | | | | | | | | | |
| 1958..... | 34,605 | 97,890 | 31,387 | 54,620 | 80,330 | 188,115 | 2,829 | 2,559 | 5,993 | 2.34 | 1.47 | 1,740 |
| 1963..... | 27,902 | 90,693 | 25,300 | 45,957 | 76,414 | 190,517 | 3,250 | 3,020 | 7,530 | 2.49 | 1.66 | 1,816 |
| 1964..... | 28,223 | 96,635 | 25,647 | 47,946 | 79,392 | 206,870 | 3,424 | 3,096 | 8,066 | 2.61 | 1.66 | 1,869 |
| 1965..... | 27,591 | 97,711 | 25,051 | 46,294 | 81,510 | 198,859 | 3,541 | 3,254 | 7,938 | 2.44 | 1.76 | 1,848 |
| Nebraska: | | | | | | | | | | | | |
| 1958..... | 113 | 310 | 96 | 226 | 260 | 447 | 2,743 | 2,708 | 4,656 | 1.72 | 1.15 | 2,354 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire: | | | | | | | | | | | | |
| 1958..... | 20,256 | 65,843 | 18,302 | 32,844 | 54,828 | 97,339 | 3,251 | 2,996 | 5,318 | 1.78 | 1.67 | 1,795 |
| 1963..... | 20,137 | 72,942 | 18,186 | 32,242 | 60,049 | 104,325 | 3,622 | 3,302 | 5,737 | 1.74 | 1.86 | 1,773 |
| 1964..... | 19,411 | 73,884 | 17,504 | 32,186 | 60,357 | 110,760 | 3,806 | 3,448 | 6,328 | 1.84 | 1.88 | 1,839 |
| 1965..... | 20,110 | 76,831 | 18,019 | 32,791 | 61,554 | 110,319 | 3,821 | 3,416 | 6,122 | 1.79 | 1.88 | 1,820 |
| New Jersey: | | | | | | | | | | | | |
| 1958..... | 12,087 | 44,009 | 10,655 | 20,769 | 33,480 | 67,248 | 3,641 | 3,142 | 6,311 | 2.01 | 1.61 | 1,949 |
| 1963..... | 11,570 | 48,899 | 10,340 | 19,355 | 38,206 | 79,479 | 4,226 | 3,695 | 7,687 | 2.08 | 1.97 | 1,872 |
| 1964..... | 11,758 | 51,715 | 10,475 | 20,438 | 40,949 | 85,516 | 4,398 | 3,909 | 8,164 | 2.09 | 2.00 | 1,951 |
| 1965..... | 12,572 | 53,614 | 11,221 | 22,119 | 41,674 | 91,173 | 4,265 | 3,714 | 8,125 | 2.19 | 1.88 | 1,971 |
| New York: | | | | | | | | | | | | |
| 1958..... | 58,795 | 195,101 | 51,832 | 94,900 | 155,558 | 311,675 | 3,318 | 3,001 | 6,013 | 2.00 | 1.64 | 1,831 |
| 1963..... | 51,959 | 192,705 | 46,134 | 85,813 | 152,207 | 314,998 | 3,709 | 3,299 | 6,828 | 2.07 | 1.77 | 1,860 |
| 1964..... | 51,325 | 198,933 | 45,428 | 86,332 | 156,526 | 336,425 | 3,876 | 3,446 | 7,406 | 2.15 | 1.81 | 1,900 |
| 1965..... | 52,388 | 205,926 | 45,820 | 84,443 | 160,758 | 338,156 | 3,931 | 3,508 | 7,380 | 2.10 | 1.90 | 1,843 |
| North Carolina: | | | | | | | | | | | | |
| 1958..... | 1,307 | 4,406 | 1,085 | 2,030 | 3,094 | 6,870 | 3,371 | 2,852 | 6,332 | 2.22 | 1.52 | 1,871 |
| 1963..... | 1,591 | 5,480 | 1,289 | 2,400 | 3,718 | 11,040 | 3,444 | 2,884 | 8,565 | 2.97 | 1.55 | 1,862 |
| 1964..... | 2,059 | 7,283 | 1,699 | 3,207 | 5,109 | 15,048 | 3,537 | 3,007 | 8,857 | 2.95 | 1.59 | 1,888 |
| 1965..... | 2,316 | 8,746 | 1,890 | 3,801 | 6,264 | 15,048 | 3,776 | 3,314 | 7,962 | 2.40 | 1.65 | 2,011 |
| Ohio: | | | | | | | | | | | | |
| 1958..... | 10,920 | 40,122 | 9,589 | 17,837 | 31,304 | 62,456 | 3,674 | 3,265 | 6,513 | 2.00 | 1.76 | 1,860 |
| 1963..... | 9,622 | 38,738 | 8,514 | 15,918 | 30,575 | 67,073 | 4,026 | 3,591 | 7,878 | 2.19 | 1.92 | 1,870 |
| 1964..... | 9,692 | 39,856 | 8,527 | 15,760 | 31,024 | 73,260 | 4,112 | 3,638 | 8,592 | 2.36 | 1.97 | 1,848 |
| 1965..... | 9,613 | 39,922 | 8,268 | 15,230 | 30,619 | 71,088 | 4,153 | 3,703 | 8,598 | 2.32 | 2.01 | 1,842 |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, LEATHER AND LEATHER PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Oklahoma: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 384 | 1,154 | 351 | 637 | 894 | 1,896 | 3,005 | 2,547 | 5,402 | 2.12 | 1.40 | 1,815 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | 382 | 1,205 | 347 | 629 | 962 | 2,079 | 3,154 | 2,772 | 5,991 | 2.16 | 1.53 | 1,813 |
| Oregon: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 290 | 1,222 | 253 | 505 | 879 | 2,249 | 4,214 | 3,474 | 8,889 | 2.56 | 1.74 | 1,996 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 32,315 | 99,075 | 29,362 | 55,820 | 82,658 | 152,615 | 3,066 | 2,815 | 5,198 | 1.85 | 1.48 | 1,901 |
| 1963..... | 31,428 | 109,106 | 28,656 | 54,177 | 91,494 | 167,750 | 3,472 | 3,193 | 5,854 | 1.83 | 1.69 | 1,891 |
| 1964..... | 31,510 | 113,647 | 28,820 | 55,108 | 95,861 | 169,149 | 3,607 | 3,326 | 5,869 | 1.76 | 1.74 | 1,912 |
| 1965..... | 31,298 | 115,555 | 28,626 | 54,722 | 96,500 | 187,606 | 3,692 | 3,371 | 6,554 | 1.94 | 1.76 | 1,912 |
| Rhode Island: | | | | | | | | | | | | |
| 1958..... | 1,643 | 5,358 | 1,309 | 2,548 | 3,452 | 9,522 | 3,261 | 2,637 | 7,274 | 2.76 | 1.35 | 1,947 |
| 1963..... | 1,200 | 4,907 | 1,016 | 1,963 | 3,060 | 10,997 | 4,089 | 3,012 | 10,824 | 3.59 | 1.56 | 1,932 |
| 1964..... | 1,159 | 4,954 | 977 | 1,925 | 3,019 | 9,741 | 4,274 | 3,090 | 9,970 | 3.23 | 1.57 | 1,970 |
| 1965..... | 1,774 | 8,218 | 1,523 | 2,967 | 4,301 | 15,991 | 4,632 | 2,824 | 10,500 | 3.72 | 1.45 | 1,948 |
| South Carolina: | | | | | | | | | | | | |
| 1958..... | 56 | 227 | 42 | 80 | 137 | 375 | 4,054 | 3,262 | 8,929 | 2.74 | 1.71 | 1,905 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee: | | | | | | | | | | | | |
| 1958..... | 11,850 | 32,511 | 11,013 | 20,626 | 27,999 | 71,655 | 2,744 | 2,542 | 6,506 | 2.56 | 1.36 | 1,873 |
| 1963..... | 15,227 | 51,728 | 14,106 | 27,399 | 44,619 | 107,990 | 3,397 | 3,163 | 7,656 | 2.42 | 1.63 | 1,942 |
| 1964..... | 15,265 | 56,246 | 14,096 | 27,605 | 47,567 | 120,051 | 3,685 | 3,375 | 8,517 | 2.52 | 1.72 | 1,958 |
| 1965..... | 17,151 | 63,855 | 15,895 | 30,829 | 52,579 | 130,617 | 3,723 | 3,308 | 8,217 | 2.48 | 1.71 | 1,940 |
| Vermont: | | | | | | | | | | | | |
| 1958..... | 689 | 2,186 | 638 | 1,300 | 1,850 | 3,713 | 3,173 | 2,900 | 5,820 | 2.01 | 1.42 | 2,038 |
| 1963..... | 748 | 2,633 | 590 | 1,198 | 2,274 | 4,463 | 3,520 | 3,854 | 7,564 | 1.96 | 1.90 | 2,031 |
| 1964..... | 735 | 2,953 | 657 | 1,254 | 2,563 | 3,983 | 4,018 | 3,901 | 6,062 | 1.55 | 2.04 | 1,909 |
| 1965..... | 671 | 2,672 | 615 | 1,198 | 2,024 | 5,199 | 3,982 | 3,291 | 8,454 | 2.57 | 1.69 | 1,948 |
| Virginia: | | | | | | | | | | | | |
| 1958..... | 5,029 | 12,876 | 4,533 | 7,683 | 11,008 | 19,174 | 2,560 | 2,428 | 4,230 | 1.74 | 1.43 | 1,695 |
| 1963..... | 4,313 | 13,777 | 3,923 | 7,153 | 11,644 | 19,664 | 3,194 | 2,968 | 5,012 | 1.69 | 1.63 | 1,823 |
| 1964..... | 4,511 | 15,712 | 4,131 | 8,132 | 13,365 | 23,390 | 3,483 | 3,235 | 5,662 | 1.75 | 1.64 | 1,969 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-1a.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1958 AND 1963-65, LEATHER AND LEATHER PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|---------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---|--|
| | Number | Payroll (\$1,000) | Number | man-hours (\$1,000) | Wages (\$1,000) | | | | | | | |
| Washington: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 334 | 1,363 | 277 | 452 | 869 | 1,821 | 4,081 | 3,137 | 6,574 | 2.10 | 1.92 | 1,632 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | 362 | 1,423 | 318 | 549 | 1,033 | 2,511 | 3,931 | 3,248 | 7,896 | 2.43 | 1.88 | 1,726 |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 819 | 2,593 | 755 | 1,442 | 2,295 | 5,073 | 3,166 | 3,040 | 6,719 | 2.21 | 1.59 | 1,910 |
| 1963..... | 842 | 3,132 | 787 | 1,559 | 2,851 | 4,830 | 3,720 | 3,623 | 6,137 | 1.69 | 1.83 | 1,981 |
| 1964..... | 880 | 3,453 | 823 | 1,637 | 3,158 | 7,494 | 3,924 | 3,837 | 9,106 | 2.37 | 1.93 | 1,989 |
| 1965..... | 800 | 3,103 | 752 | 1,480 | 2,826 | 7,222 | 3,879 | 3,758 | 9,604 | 2.56 | 1.91 | 1,968 |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 16,924 | 65,476 | 14,258 | 26,833 | 48,341 | 108,367 | 3,869 | 3,390 | 7,600 | 2.24 | 1.80 | 1,882 |
| 1963..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1964..... | 15,970 | n.a. | 13,456 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | 16,022 | n.a. | 13,616 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS, BY STATE, 1958 AND 1963-65, STONE, CLAY, AND GLASS PRODUCTS

NOTE: Data for 1964 and 1965 may be subject to high standard errors of estimate. Consult Chapter 8 of the Annual Survey of Manufactures, 1964-65 for standard errors of estimate

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1958..... | 8,250 | 33,070 | 6,892 | 13,596 | 25,646 | 84,371 | 4,008 | 3,721 | 12,242 | 3.29 | 1.89 | 1,973 |
| 1963..... | 7,529 | 34,651 | 6,065 | 12,296 | 25,833 | 94,245 | 4,602 | 4,259 | 15,539 | 3.65 | 2.10 | 2,027 |
| 1964..... | 7,844 | 37,200 | 6,375 | 13,263 | 28,101 | 100,009 | 4,742 | 4,408 | 15,688 | 3.56 | 2.12 | 2,080 |
| 1965..... | 8,572 | 41,386 | 7,133 | 14,685 | 31,871 | 110,279 | 4,828 | 4,468 | 15,460 | 3.46 | 2.17 | 2,059 |
| Alaska: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 172 | 1,441 | 118 | 225 | 880 | 3,054 | 8,378 | 7,458 | 25,881 | 3.47 | 3.91 | 1,907 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona: | | | | | | | | | | | | |
| 1958..... | 2,096 | 10,966 | 1,549 | 3,174 | 7,440 | 25,013 | 5,232 | 4,803 | 16,148 | 3.36 | 2.34 | 2,049 |
| 1963..... | 3,165 | 17,745 | 2,372 | 4,646 | 12,623 | 44,247 | 5,607 | 5,322 | 18,654 | 3.51 | 2.72 | 1,959 |
| 1964..... | 3,109 | 18,755 | 2,295 | 4,570 | 13,353 | 43,951 | 6,032 | 5,818 | 19,151 | 3.29 | 2.92 | 1,991 |
| 1965..... | 2,490 | 15,191 | 1,775 | 3,465 | 10,328 | 31,456 | 6,101 | 5,819 | 17,722 | 3.05 | 2.98 | 1,952 |
| Arkansas: | | | | | | | | | | | | |
| 1958..... | 3,377 | 13,584 | 2,885 | 5,970 | 11,247 | 31,238 | 4,023 | 3,898 | 10,828 | 2.78 | 1.88 | 2,069 |
| 1963..... | 3,537 | 15,937 | 2,889 | 5,831 | 12,158 | 36,699 | 4,506 | 4,208 | 12,703 | 3.02 | 2.09 | 2,018 |
| 1964..... | 3,505 | 16,043 | 2,869 | 5,833 | 12,115 | 36,177 | 4,577 | 4,223 | 12,610 | 2.99 | 2.08 | 2,033 |
| 1965..... | 3,722 | 17,582 | 3,028 | 6,230 | 13,067 | 45,538 | 4,724 | 4,315 | 15,039 | 3.48 | 2.10 | 2,057 |
| California: | | | | | | | | | | | | |
| 1958..... | 41,281 | 211,551 | 32,336 | 63,934 | 156,359 | 484,282 | 5,125 | 4,835 | 14,977 | 3.10 | 2.45 | 1,977 |
| 1963..... | 45,637 | 288,529 | 34,297 | 69,839 | 201,644 | 654,022 | 6,322 | 5,879 | 19,069 | 3.24 | 2.89 | 2,036 |
| 1964..... | 45,686 | 291,073 | 34,213 | 70,600 | 201,381 | 645,316 | 6,371 | 5,974 | 18,862 | 3.16 | 2.89 | 2,064 |
| 1965..... | 45,021 | 298,173 | 33,561 | 67,409 | 208,757 | 676,281 | 6,623 | 6,220 | 20,151 | 3.24 | 3.10 | 2,009 |
| Colorado: | | | | | | | | | | | | |
| 1958..... | 4,079 | 18,991 | 3,289 | 6,501 | 14,258 | 43,978 | 4,656 | 4,335 | 13,371 | 3.08 | 2.19 | 1,977 |
| 1963..... | 4,856 | 28,176 | 3,519 | 7,305 | 18,714 | 61,530 | 5,802 | 5,318 | 17,485 | 3.29 | 2.56 | 2,076 |
| 1964..... | 4,205 | 25,041 | 3,023 | 6,326 | 17,013 | 59,368 | 5,955 | 5,628 | 19,639 | 3.49 | 2.69 | 2,093 |
| 1965..... | 4,799 | 29,520 | 3,774 | 8,068 | 20,693 | 68,161 | 6,151 | 5,483 | 17,796 | 3.25 | 2.56 | 2,138 |
| Connecticut: | | | | | | | | | | | | |
| 1958..... | 6,002 | 30,383 | 4,421 | 8,949 | 20,306 | 54,050 | 5,062 | 4,593 | 12,226 | 2.66 | 2.27 | 2,024 |
| 1963..... | 6,676 | 40,262 | 5,203 | 10,770 | 28,504 | 81,714 | 6,031 | 5,478 | 15,705 | 2.87 | 2.65 | 2,070 |
| 1964..... | 7,048 | 43,349 | 5,375 | 11,521 | 31,548 | 88,494 | 6,151 | 5,869 | 16,464 | 2.81 | 2.74 | 2,143 |
| 1965..... | 7,472 | 50,319 | 5,677 | 12,789 | 35,475 | 110,184 | 6,734 | 6,249 | 19,409 | 3.11 | 2.77 | 2,253 |

Table II-lb.--GENERAL STATISTICS AND SELECTED RATIOS, BY STATE, 1958 AND 1963-65, STONE, CLAY, AND GLASS PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Delaware: | | | | | | | | | | | | |
| 1958..... | 775 | 2,930 | 558 | 963 | 1,892 | 7,049 | 3,781 | 3,391 | 12,633 | 3.73 | 1.96 | 1,726 |
| 1963..... | 822 | 3,992 | 641 | 1,358 | 2,981 | 10,706 | 4,856 | 4,651 | 16,702 | 3.59 | 2.20 | 2,119 |
| 1964..... | 809 | 3,996 | 632 | 1,383 | 2,965 | 10,172 | 4,939 | 4,691 | 16,095 | 3.43 | 2.14 | 2,188 |
| 1965..... | 974 | 5,259 | 697 | 1,526 | 3,275 | 13,367 | 5,399 | 4,699 | 19,178 | 4.08 | 2.15 | 2,189 |
| Dist. of Col.: | | | | | | | | | | | | |
| 1958..... | 676 | 3,220 | 597 | 1,333 | 2,558 | 7,037 | 4,763 | 4,285 | 11,787 | 2.75 | 1.92 | 2,233 |
| 1963..... | 846 | 5,132 | 688 | 1,445 | 3,512 | 11,402 | 6,066 | 5,105 | 16,573 | 3.25 | 2.43 | 2,100 |
| 1964..... | 844 | 5,256 | 694 | 1,521 | 3,778 | 10,718 | 6,227 | 5,444 | 15,444 | 2.84 | 2.48 | 2,192 |
| 1965..... | 731 | 4,230 | 697 | 1,434 | 4,048 | 9,266 | 5,787 | 5,808 | 13,294 | 2.29 | 2.82 | 2,057 |
| Florida: | | | | | | | | | | | | |
| 1958..... | 12,422 | 46,888 | 9,372 | 16,970 | 33,017 | 105,896 | 3,775 | 3,523 | 11,299 | 3.21 | 1.95 | 1,811 |
| 1963..... | 12,581 | 55,931 | 9,028 | 19,274 | 36,891 | 142,575 | 4,446 | 4,086 | 15,793 | 3.86 | 1.91 | 2,135 |
| 1964..... | 13,432 | 60,878 | 9,807 | 21,560 | 39,914 | 149,188 | 4,532 | 4,070 | 15,212 | 3.74 | 1.85 | 2,198 |
| 1965..... | 14,186 | 65,264 | 10,236 | 21,018 | 42,208 | 156,666 | 4,601 | 4,123 | 15,305 | 3.71 | 2.01 | 2,053 |
| Georgia: | | | | | | | | | | | | |
| 1958..... | 9,575 | 33,527 | 8,013 | 15,794 | 25,203 | 72,137 | 3,502 | 3,145 | 9,002 | 2.86 | 1.60 | 1,971 |
| 1963..... | 12,068 | 50,983 | 9,857 | 20,076 | 37,923 | 117,370 | 4,225 | 3,847 | 11,907 | 3.09 | 1.89 | 2,037 |
| 1964..... | 11,046 | 49,105 | 9,007 | 18,608 | 36,386 | 109,331 | 4,473 | 4,040 | 12,138 | 3.00 | 1.96 | 2,066 |
| 1965..... | 13,260 | 60,786 | 10,871 | 22,525 | 44,989 | 133,656 | 4,584 | 4,138 | 12,295 | 2.97 | 2.00 | 2,072 |
| Hawaii: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 908 | 5,335 | 675 | 1,273 | 3,367 | 14,956 | 5,876 | 4,988 | 22,157 | 4.44 | 2.64 | 1,886 |
| 1964..... | 905 | 5,697 | 661 | 1,392 | 3,779 | 15,664 | 6,295 | 5,717 | 23,697 | 4.15 | 2.71 | 2,106 |
| 1965..... | 930 | 5,934 | 690 | 1,379 | 3,850 | 16,427 | 6,381 | 5,580 | 23,807 | 4.27 | 2.79 | 1,999 |
| Idaho: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 775 | 4,207 | 592 | 1,182 | 2,913 | 8,358 | 5,428 | 4,921 | 14,118 | 2.87 | 2.46 | 1,997 |
| 1964..... | 710 | 4,022 | 526 | 1,145 | 2,763 | 7,882 | 5,665 | 5,253 | 14,985 | 2.85 | 2.41 | 2,177 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Illinois: | | | | | | | | | | | | |
| 1958..... | 37,724 | 192,767 | 31,127 | 61,925 | 146,915 | 418,759 | 5,110 | 4,720 | 13,453 | 2.85 | 2.37 | 1,989 |
| 1963..... | 37,652 | 221,548 | 30,451 | 62,671 | 167,316 | 488,863 | 5,884 | 5,495 | 16,054 | 2.92 | 2.67 | 2,058 |
| 1964..... | 36,380 | 226,319 | 29,633 | 62,492 | 170,346 | 490,547 | 6,221 | 5,749 | 16,554 | 2.88 | 2.73 | 2,109 |
| 1965..... | 38,948 | 250,475 | 31,304 | 63,950 | 186,409 | 539,175 | 6,431 | 5,965 | 17,224 | 2.89 | 2.91 | 2,043 |
| Indiana: | | | | | | | | | | | | |
| 1958..... | 26,811 | 125,752 | 22,233 | 44,559 | 97,048 | 256,101 | 4,690 | 4,365 | 11,519 | 2.64 | 2.18 | 2,004 |
| 1963..... | 25,182 | 135,621 | 20,865 | 42,122 | 103,865 | 277,967 | 5,386 | 4,978 | 13,322 | 2.68 | 2.47 | 2,019 |
| 1964..... | 25,786 | 141,288 | 20,669 | 41,880 | 107,873 | 278,392 | 5,479 | 5,219 | 13,469 | 2.58 | 2.58 | 2,036 |
| 1965..... | 25,943 | 147,985 | 21,445 | 41,781 | 116,376 | 317,798 | 5,704 | 5,427 | 14,819 | 2.73 | 2.79 | 1,948 |

Table 11-b.--GENERAL STATISTICS AND SELECTED RATIOS, BY STATE, 1958 AND 1963-65, STONE, CLAY, AND GLASS PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Iowa: | | | | | | | | | | | | |
| 1958..... | 5,888 | 27,016 | 4,781 | 9,886 | 20,536 | 83,240 | 4,588 | 4,295 | 17,411 | 4.05 | 2.08 | 2,068 |
| 1963..... | 5,901 | 33,383 | 4,699 | 10,162 | 24,809 | 96,224 | 5,657 | 5,280 | 20,478 | 3.88 | 2.44 | 2,163 |
| 1964..... | 5,711 | 33,137 | 4,476 | 9,601 | 24,544 | 101,877 | 5,802 | 5,483 | 22,761 | 4.15 | 2.56 | 2,145 |
| 1965..... | 6,096 | 36,737 | 4,828 | 10,212 | 26,950 | 96,751 | 6,026 | 5,582 | 20,040 | 3.59 | 2.64 | 2,115 |
| Kansas: | | | | | | | | | | | | |
| 1958..... | 6,088 | 28,425 | 5,033 | 10,292 | 22,303 | 76,744 | 4,669 | 4,431 | 15,248 | 3.44 | 2.17 | 2,045 |
| 1963..... | 6,639 | 38,050 | 5,207 | 11,137 | 28,999 | 87,383 | 5,731 | 5,569 | 16,782 | 3.01 | 2.60 | 2,139 |
| 1964..... | 6,952 | 40,736 | 5,530 | 11,316 | 31,120 | 99,009 | 5,860 | 5,627 | 17,904 | 3.18 | 2.75 | 2,046 |
| 1965..... | 6,733 | 41,524 | 5,402 | 11,233 | 32,636 | 100,626 | 6,167 | 6,041 | 18,628 | 3.08 | 2.91 | 2,079 |
| Kentucky: | | | | | | | | | | | | |
| 1958..... | 5,443 | 22,694 | 4,459 | 8,491 | 17,080 | 47,081 | 4,169 | 3,830 | 10,559 | 2.76 | 2.01 | 1,904 |
| 1963..... | 5,920 | 29,857 | 4,691 | 9,554 | 21,345 | 65,168 | 5,043 | 4,550 | 13,892 | 3.05 | 2.23 | 2,037 |
| 1964..... | 6,661 | 34,318 | 5,294 | 11,349 | 24,672 | 77,129 | 5,152 | 4,660 | 14,569 | 3.13 | 2.17 | 2,144 |
| 1965..... | 6,591 | 36,020 | 5,229 | 10,306 | 25,852 | 75,269 | 5,465 | 4,944 | 14,395 | 2.91 | 2.51 | 1,971 |
| Louisiana: | | | | | | | | | | | | |
| 1958..... | 6,605 | 29,743 | 5,375 | 10,870 | 22,970 | 70,532 | 4,503 | 4,273 | 13,122 | 3.07 | 2.11 | 2,022 |
| 1963..... | 6,510 | 35,106 | 5,188 | 10,853 | 26,407 | 87,440 | 5,393 | 5,090 | 16,854 | 3.31 | 2.43 | 2,092 |
| 1964..... | 6,670 | 37,189 | 5,339 | 11,118 | 28,093 | 98,004 | 5,576 | 5,262 | 18,356 | 3.49 | 2.53 | 2,082 |
| 1965..... | 6,639 | 39,282 | 5,307 | 11,065 | 29,234 | 93,056 | 5,917 | 5,509 | 17,535 | 3.18 | 2.64 | 2,085 |
| Maine: | | | | | | | | | | | | |
| 1958..... | 1,049 | 4,254 | 853 | 1,692 | 3,166 | 10,083 | 4,055 | 3,712 | 11,821 | 3.18 | 1.87 | 1,984 |
| 1963..... | 1,192 | 5,651 | 926 | 1,937 | 3,931 | 11,690 | 4,741 | 4,245 | 12,624 | 2.97 | 2.03 | 2,092 |
| 1964..... | 1,197 | 5,710 | 934 | 1,933 | 3,969 | 12,317 | 4,770 | 4,249 | 13,187 | 3.10 | 2.05 | 2,070 |
| 1965..... | 1,311 | 6,578 | 1,049 | 2,510 | 4,494 | 16,598 | 5,018 | 4,284 | 15,823 | 3.69 | 1.79 | 2,393 |
| Maryland: | | | | | | | | | | | | |
| 1958..... | 8,486 | 41,229 | 6,884 | 14,066 | 30,774 | 94,268 | 4,858 | 4,470 | 13,694 | 3.06 | 2.19 | 2,043 |
| 1963..... | 9,604 | 55,837 | 7,757 | 16,477 | 41,750 | 127,212 | 5,814 | 5,382 | 16,400 | 3.05 | 2.53 | 2,124 |
| 1964..... | 9,692 | 59,749 | 7,920 | 17,098 | 44,629 | 143,805 | 6,165 | 5,635 | 18,157 | 3.22 | 2.61 | 2,159 |
| 1965..... | 10,211 | 64,203 | 8,289 | 17,521 | 47,411 | 162,512 | 6,288 | 5,720 | 19,606 | 3.43 | 2.71 | 2,114 |
| Massachusetts: | | | | | | | | | | | | |
| 1958..... | 11,028 | 59,075 | 7,504 | 14,975 | 35,485 | 107,065 | 5,357 | 4,729 | 14,268 | 3.02 | 2.37 | 1,996 |
| 1963..... | 10,773 | 69,868 | 7,469 | 15,096 | 41,479 | 142,092 | 6,485 | 5,553 | 19,024 | 3.43 | 2.75 | 2,021 |
| 1964..... | 11,338 | 77,506 | 7,795 | 15,750 | 45,126 | 161,584 | 6,836 | 5,789 | 20,729 | 3.58 | 2.87 | 2,021 |
| 1965..... | 11,507 | 80,135 | 7,863 | 15,975 | 47,339 | 169,911 | 6,964 | 6,020 | 21,609 | 3.59 | 2.96 | 2,032 |
| Michigan: | | | | | | | | | | | | |
| 1958..... | 17,425 | 89,944 | 13,436 | 26,860 | 63,319 | 207,976 | 5,162 | 4,713 | 15,479 | 3.28 | 2.36 | 1,999 |
| 1963..... | 17,838 | 111,829 | 13,758 | 28,346 | 77,945 | 308,198 | 6,269 | 5,665 | 22,401 | 3.95 | 2.75 | 2,060 |
| 1964..... | 19,878 | 131,562 | 15,562 | 31,984 | 90,432 | 358,420 | 6,618 | 5,811 | 23,032 | 3.96 | 2.83 | 2,055 |
| 1965..... | 20,828 | 142,548 | 16,256 | 34,311 | 100,000 | 387,840 | 6,844 | 6,152 | 23,858 | 3.88 | 2.91 | 2,111 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS, BY STATE, 1958 AND 1963-65, STONE, CLAY, AND GLASS PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Minnesota: | | | | | | | | | | | | |
| 1958..... | 8,298 | 38,781 | 6,509 | 12,814 | 27,929 | 104,583 | 4,674 | 4,291 | 16,067 | 3.74 | 2.18 | 1,969 |
| 1963..... | 10,961 | 70,314 | 7,096 | 14,572 | 39,035 | 158,740 | 6,415 | 5,501 | 22,370 | 4.07 | 2.68 | 2,054 |
| 1964..... | 11,793 | 78,015 | 7,836 | 15,646 | 45,562 | 197,249 | 6,615 | 5,814 | 25,172 | 4.33 | 2.91 | 1,997 |
| 1965..... | 11,585 | 70,398 | 7,448 | 15,252 | 46,635 | 197,200 | 6,077 | 6,261 | 26,477 | 4.23 | 3.06 | 2,048 |
| Mississippi: | | | | | | | | | | | | |
| 1958..... | 4,012 | 14,222 | 3,299 | 6,791 | 10,854 | 36,185 | 3,545 | 3,290 | 10,968 | 3.33 | 1.60 | 2,059 |
| 1963..... | 4,688 | 19,811 | 3,827 | 8,014 | 14,749 | 53,304 | 4,286 | 3,851 | 13,928 | 3.61 | 1.84 | 2,094 |
| 1964..... | 4,743 | 20,318 | 3,925 | 8,129 | 14,986 | 49,702 | 4,284 | 3,818 | 12,663 | 3.32 | 1.84 | 2,071 |
| 1965..... | 5,068 | 22,413 | 4,101 | 8,646 | 16,747 | 59,087 | 4,422 | 4,084 | 14,408 | 3.53 | 1.94 | 2,108 |
| Missouri: | | | | | | | | | | | | |
| 1958..... | 14,113 | 69,716 | 10,988 | 21,734 | 50,965 | 160,219 | 4,940 | 4,638 | 14,581 | 3.14 | 2.34 | 1,978 |
| 1963..... | 13,119 | 75,756 | 10,479 | 20,919 | 56,946 | 170,390 | 5,775 | 5,434 | 16,260 | 2.99 | 2.72 | 1,996 |
| 1964..... | 12,857 | 82,571 | 10,208 | 21,011 | 61,437 | 180,931 | 6,422 | 6,019 | 17,724 | 2.94 | 2.92 | 2,058 |
| 1965..... | 13,595 | 86,084 | 10,795 | 22,188 | 63,434 | 196,026 | 6,332 | 5,876 | 18,159 | 3.09 | 2.86 | 2,055 |
| Montana: | | | | | | | | | | | | |
| 1958..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1963..... | 858 | 4,764 | 654 | 1,247 | 3,442 | 11,935 | 5,552 | 5,263 | 18,249 | 3.47 | 2.76 | 1,907 |
| 1964..... | 724 | 4,347 | 524 | 1,135 | 3,188 | 14,654 | 6,004 | 6,084 | 27,966 | 4.60 | 2.81 | 2,166 |
| 1965..... | 881 | 4,793 | 702 | 1,197 | 3,512 | 12,009 | 5,440 | 5,003 | 17,107 | 3.42 | 2.93 | 1,705 |
| Nebraska: | | | | | | | | | | | | |
| 1958..... | 1,813 | 7,453 | 1,474 | 2,896 | 5,073 | 22,576 | 4,111 | 3,442 | 15,316 | 4.45 | 1.75 | 1,965 |
| 1963..... | 2,228 | 11,027 | 1,746 | 3,694 | 7,965 | 31,225 | 4,949 | 4,462 | 17,884 | 3.92 | 2.16 | 2,116 |
| 1964..... | 2,224 | 11,340 | 1,712 | 2,834 | 7,668 | 30,476 | 5,099 | 4,479 | 17,801 | 3.97 | 2.71 | 1,655 |
| 1965..... | 2,110 | 10,996 | 1,643 | 3,541 | 8,091 | 31,122 | 5,211 | 4,925 | 18,942 | 3.85 | 2.28 | 2,155 |
| Nevada: | | | | | | | | | | | | |
| 1958..... | 946 | 5,396 | 746 | 1,652 | 4,073 | 14,277 | 5,704 | 5,460 | 19,138 | 3.51 | 2.47 | 2,214 |
| 1963..... | 1,340 | 9,724 | 1,008 | 2,178 | 7,244 | 27,030 | 7,257 | 7,187 | 26,815 | 3.73 | 3.33 | 2,161 |
| 1964..... | 1,232 | 9,585 | 939 | 2,145 | 7,183 | 26,806 | 7,780 | 7,650 | 28,547 | 3.73 | 3.35 | 2,284 |
| 1965..... | 1,000 | 7,440 | 782 | 1,461 | 5,704 | 16,178 | 7,440 | 7,294 | 20,688 | 2.84 | 3.90 | 1,868 |
| New Hampshire: | | | | | | | | | | | | |
| 1958..... | 1,451 | 6,030 | 1,171 | 2,329 | 4,449 | 11,137 | 4,156 | 3,799 | 9,562 | 2.52 | 1.91 | 1,989 |
| 1963..... | 1,758 | 8,714 | 1,385 | 2,878 | 6,189 | 16,784 | 4,957 | 4,469 | 12,118 | 2.71 | 2.15 | 2,078 |
| 1964..... | 1,711 | 8,849 | 1,336 | 2,790 | 6,340 | 18,782 | 5,172 | 4,746 | 14,058 | 2.96 | 2.27 | 2,088 |
| 1965..... | 1,793 | 9,470 | 1,456 | 2,988 | 6,847 | 17,674 | 5,282 | 4,703 | 12,139 | 2.58 | 2.29 | 2,052 |
| New Jersey: | | | | | | | | | | | | |
| 1958..... | 32,550 | 156,186 | 25,996 | 52,634 | 116,129 | 304,222 | 4,798 | 4,467 | 11,703 | 2.62 | 2.21 | 2,025 |
| 1963..... | 34,458 | 198,330 | 27,799 | 56,407 | 147,190 | 390,433 | 5,756 | 5,295 | 14,045 | 2.65 | 2.61 | 2,029 |
| 1964..... | 34,820 | 207,426 | 27,923 | 57,680 | 154,767 | 415,889 | 5,957 | 5,543 | 14,894 | 2.69 | 2.68 | 2,066 |
| 1965..... | 36,610 | 228,504 | 29,653 | 60,570 | 169,694 | 460,826 | 6,242 | 5,723 | 15,541 | 2.72 | 2.80 | 2,043 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS, BY STATE, 1958 AND 1963-65, STONE, CLAY, AND GLASS PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| New Mexico: | | | | | | | | | | | | |
| 1958..... | 1,066 | 4,425 | 827 | 1,749 | 2,930 | 8,064 | 4,151 | 3,543 | 9,751 | 2.75 | 1.68 | 2,115 |
| 1963..... | 1,353 | 7,058 | 982 | 2,048 | 4,710 | 19,264 | 5,217 | 4,796 | 19,617 | 4.09 | 2.30 | 2,086 |
| 1964..... | 1,413 | 7,492 | 1,036 | 2,218 | 5,055 | 18,846 | 5,302 | 4,879 | 18,191 | 3.73 | 2.28 | 2,141 |
| 1965..... | 1,436 | 7,668 | 964 | 2,017 | 4,564 | 19,966 | 5,340 | 4,734 | 20,712 | 4.37 | 2.26 | 2,092 |
| New York: | | | | | | | | | | | | |
| 1958..... | 40,742 | 207,806 | 30,849 | 62,154 | 142,795 | 384,423 | 5,101 | 4,629 | 12,461 | 2.69 | 2.30 | 2,015 |
| 1963..... | 38,806 | 240,792 | 29,866 | 60,641 | 169,686 | 475,186 | 6,205 | 5,682 | 15,911 | 2.80 | 2.80 | 2,030 |
| 1964..... | 38,099 | 246,145 | 28,787 | 58,414 | 167,309 | 523,148 | 6,461 | 5,812 | 18,173 | 3.13 | 2.86 | 2,029 |
| 1965..... | 39,324 | 258,739 | 29,709 | 60,524 | 175,518 | 543,339 | 6,580 | 5,908 | 18,289 | 3.10 | 2.90 | 2,037 |
| North Carolina: | | | | | | | | | | | | |
| 1958..... | 7,897 | 25,544 | 6,447 | 12,864 | 17,901 | 50,504 | 3,235 | 2,777 | 7,834 | 2.82 | 1.39 | 1,995 |
| 1963..... | 10,542 | 43,654 | 8,538 | 17,865 | 31,179 | 90,200 | 4,141 | 3,652 | 10,565 | 2.89 | 1.75 | 2,092 |
| 1964..... | 11,164 | 48,497 | 8,973 | 18,463 | 33,408 | 106,578 | 4,344 | 3,723 | 11,878 | 3.19 | 1.81 | 2,058 |
| 1965..... | 12,116 | 53,319 | 9,840 | 20,567 | 38,249 | 120,286 | 4,401 | 3,887 | 12,224 | 3.14 | 1.86 | 2,090 |
| North Dakota: | | | | | | | | | | | | |
| 1958..... | 383 | 1,500 | 311 | 590 | 1,159 | 3,507 | 3,916 | 3,727 | 11,277 | 3.03 | 1.96 | 1,897 |
| 1963..... | 462 | 2,191 | 342 | 706 | 1,430 | 4,545 | 4,742 | 4,181 | 13,289 | 3.18 | 2.03 | 2,064 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | 581 | 2,652 | 383 | 791 | 1,740 | 5,063 | 4,565 | 4,543 | 13,219 | 2.91 | 2.20 | 2,065 |
| Ohio: | | | | | | | | | | | | |
| 1958..... | 64,434 | 307,019 | 52,943 | 101,693 | 237,016 | 623,881 | 4,765 | 4,477 | 11,784 | 2.63 | 2.33 | 1,921 |
| 1963..... | 61,629 | 353,138 | 50,330 | 99,215 | 267,267 | 740,043 | 5,730 | 5,310 | 14,704 | 2.77 | 2.69 | 1,971 |
| 1964..... | 62,020 | 370,318 | 50,691 | 103,266 | 283,788 | 764,642 | 5,971 | 5,598 | 15,084 | 2.69 | 2.75 | 2,037 |
| 1965..... | 63,857 | 395,244 | 52,240 | 105,721 | 301,526 | 833,423 | 6,190 | 5,772 | 15,954 | 2.76 | 2.85 | 2,024 |
| Oklahoma: | | | | | | | | | | | | |
| 1958..... | 6,748 | 28,817 | 5,689 | 11,370 | 23,215 | 66,649 | 4,270 | 4,081 | 11,715 | 2.87 | 2.04 | 1,999 |
| 1963..... | 6,886 | 36,206 | 5,548 | 11,402 | 27,153 | 89,836 | 5,258 | 4,894 | 16,193 | 3.31 | 2.38 | 2,055 |
| 1964..... | 6,930 | 37,722 | 5,559 | 11,575 | 27,988 | 95,370 | 5,443 | 5,035 | 17,156 | 3.41 | 2.42 | 2,082 |
| 1965..... | 7,504 | 40,506 | 5,989 | 12,062 | 30,411 | 103,812 | 5,398 | 5,078 | 17,334 | 3.41 | 2.52 | 2,014 |
| Oregon: | | | | | | | | | | | | |
| 1958..... | 2,701 | 13,558 | 2,152 | 4,133 | 10,368 | 26,331 | 5,020 | 4,818 | 12,236 | 2.54 | 2.51 | 1,921 |
| 1963..... | 2,955 | 18,202 | 2,333 | 4,679 | 13,796 | 38,537 | 6,160 | 5,913 | 16,518 | 2.79 | 2.95 | 2,006 |
| 1964..... | 2,978 | 19,351 | 2,410 | 4,809 | 14,839 | 37,686 | 6,498 | 6,157 | 15,637 | 2.54 | 3.09 | 1,995 |
| 1965..... | 3,040 | 19,763 | 2,397 | 4,870 | 15,555 | 40,914 | 6,501 | 6,489 | 17,069 | 2.63 | 3.19 | 2,032 |
| Pennsylvania: | | | | | | | | | | | | |
| 1958..... | 62,727 | 299,444 | 51,705 | 100,536 | 231,114 | 593,401 | 4,774 | 4,470 | 11,477 | 2.57 | 2.30 | 1,944 |
| 1963..... | 57,308 | 324,276 | 47,389 | 93,663 | 250,422 | 625,974 | 5,658 | 5,284 | 13,209 | 2.50 | 2.67 | 1,976 |
| 1964..... | 58,051 | 342,730 | 47,902 | 95,717 | 264,713 | 672,283 | 5,904 | 5,526 | 14,035 | 2.54 | 2.77 | 1,998 |
| 1965..... | 59,924 | 358,726 | 49,619 | 98,777 | 280,372 | 706,932 | 5,986 | 5,650 | 14,247 | 2.52 | 2.84 | 1,991 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS, BY STATE, 1958 AND 1963-65, STONE, CLAY, AND GLASS PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Rhode Island: | | | | | | | | | | | | |
| 1958..... | 1,919 | 8,948 | 1,422 | 2,865 | 6,432 | 17,162 | 4,663 | 4,523 | 12,069 | 2.67 | 2.25 | 2,015 |
| 1963..... | 1,907 | 10,734 | 1,522 | 3,156 | 7,871 | 23,152 | 5,629 | 5,171 | 15,212 | 2.94 | 2.49 | 2,074 |
| 1964..... | 1,977 | 12,647 | 1,045 | 3,223 | 8,257 | 24,552 | 6,397 | 7,901 | 23,495 | 2.97 | 2.56 | 3,084 |
| 1965..... | 2,110 | 12,975 | 1,732 | 3,583 | 9,310 | 26,223 | 6,149 | 5,375 | 15,140 | 2.82 | 2.60 | 2,069 |
| South Carolina: | | | | | | | | | | | | |
| 1958..... | 5,306 | 19,159 | 4,359 | 9,092 | 14,541 | 44,748 | 3,611 | 3,336 | 10,266 | 3.08 | 1.60 | 2,086 |
| 1963..... | 6,777 | 31,036 | 5,656 | 11,962 | 23,889 | 67,757 | 4,580 | 4,224 | 11,980 | 2.84 | 2.00 | 2,115 |
| 1964..... | 7,510 | 35,199 | 6,226 | 13,266 | 27,868 | 75,043 | 4,687 | 4,476 | 12,053 | 2.69 | 2.10 | 2,131 |
| 1965..... | 8,355 | 42,190 | 7,082 | 15,066 | 32,744 | 94,062 | 5,050 | 4,624 | 13,282 | 2.87 | 2.17 | 2,127 |
| South Dakota: | | | | | | | | | | | | |
| 1958..... | 601 | 2,424 | 483 | 991 | 1,709 | 4,769 | 4,033 | 3,538 | 9,874 | 2.79 | 1.72 | 2,052 |
| 1963..... | 762 | 3,738 | 598 | 1,276 | 2,604 | 7,587 | 4,906 | 4,355 | 12,687 | 2.91 | 2.04 | 2,134 |
| 1964..... | 616 | 3,157 | 476 | 843 | 1,937 | 6,476 | 5,125 | 4,069 | 13,605 | 3.34 | 2.30 | 1,771 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee: | | | | | | | | | | | | |
| 1958..... | 10,423 | 43,689 | 8,536 | 17,258 | 32,504 | 96,517 | 4,192 | 3,808 | 11,307 | 2.97 | 1.88 | 2,022 |
| 1963..... | 13,873 | 71,698 | 11,266 | 23,442 | 53,407 | 177,211 | 5,168 | 4,741 | 15,730 | 3.32 | 2.28 | 2,081 |
| 1964..... | 14,100 | 75,551 | 11,459 | 24,732 | 56,645 | 191,577 | 5,358 | 4,943 | 16,718 | 3.38 | 2.29 | 2,158 |
| 1965..... | 13,953 | 81,607 | 12,242 | 25,246 | 61,363 | 212,061 | 5,458 | 5,012 | 17,322 | 3.46 | 2.43 | 2,062 |
| Texas: | | | | | | | | | | | | |
| 1958..... | 21,228 | 85,478 | 16,934 | 35,195 | 61,299 | 236,326 | 4,027 | 3,620 | 13,956 | 3.86 | 1.74 | 2,078 |
| 1963..... | 24,996 | 116,680 | 19,529 | 42,612 | 82,620 | 305,224 | 4,668 | 4,231 | 15,629 | 3.69 | 1.94 | 2,182 |
| 1964..... | 26,060 | 124,173 | 20,431 | 44,305 | 88,801 | 325,877 | 4,765 | 4,346 | 15,950 | 3.67 | 2.00 | 2,169 |
| 1965..... | 25,914 | 130,035 | 20,508 | 43,939 | 92,023 | 317,141 | 5,018 | 4,487 | 15,464 | 3.45 | 2.09 | 2,143 |
| Utah: | | | | | | | | | | | | |
| 1958..... | 2,604 | 12,285 | 2,060 | 4,304 | 9,400 | 32,787 | 4,718 | 4,563 | 15,916 | 3.49 | 2.18 | 2,089 |
| 1963..... | 2,663 | 15,001 | 1,995 | 4,059 | 10,672 | 34,970 | 5,633 | 5,349 | 17,529 | 3.28 | 2.63 | 2,035 |
| 1964..... | 2,709 | 15,844 | 2,019 | 4,000 | 10,927 | 36,912 | 5,849 | 5,412 | 18,282 | 3.38 | 2.73 | 1,981 |
| 1965..... | 2,557 | 15,705 | 1,851 | 3,748 | 10,256 | 37,355 | 6,142 | 5,541 | 20,181 | 3.64 | 2.74 | 2,025 |
| Vermont: | | | | | | | | | | | | |
| 1958..... | 4,200 | 17,313 | 3,447 | 6,857 | 13,614 | 26,623 | 4,122 | 3,950 | 7,724 | 1.96 | 1.99 | 1,989 |
| 1963..... | 3,068 | 15,055 | 2,617 | 5,529 | 12,359 | 25,323 | 4,907 | 4,723 | 9,676 | 2.05 | 2.24 | 2,113 |
| 1964..... | 3,194 | 16,123 | 2,737 | 5,791 | 13,245 | 27,464 | 5,048 | 4,839 | 10,034 | 2.07 | 2.29 | 2,116 |
| 1965..... | 3,298 | 16,746 | 2,771 | 5,711 | 13,632 | 27,548 | 5,078 | 4,920 | 9,942 | 2.02 | 2.39 | 2,061 |
| Virginia: | | | | | | | | | | | | |
| 1958..... | 7,786 | 29,808 | 6,458 | 13,366 | 22,360 | 75,839 | 3,828 | 3,462 | 11,743 | 3.39 | 1.67 | 2,070 |
| 1963..... | 9,608 | 43,953 | 7,987 | 16,771 | 32,782 | 107,463 | 4,575 | 4,104 | 13,455 | 3.28 | 1.95 | 2,100 |
| 1964..... | 9,353 | 43,465 | 7,548 | 15,982 | 31,226 | 113,520 | 4,647 | 4,137 | 15,040 | 3.64 | 1.95 | 2,117 |
| 1965..... | 10,186 | 49,098 | 8,364 | 17,732 | 35,953 | 121,435 | 4,820 | 4,299 | 14,519 | 3.38 | 2.03 | 2,120 |

Table II-1b.--GENERAL STATISTICS AND SELECTED RATIOS, BY STATE, 1958 AND 1963-65, STONE, CLAY, AND GLASS PRODUCTS--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Washington: | | | | | | | | | | | | |
| 1958..... | 4,910 | 26,626 | 3,767 | 7,184 | 18,657 | 53,228 | 5,423 | 4,953 | 14,130 | 2.85 | 2.60 | 1,907 |
| 1963..... | 5,357 | 34,229 | 4,098 | 8,077 | 25,268 | 70,413 | 6,390 | 6,166 | 17,182 | 2.79 | 3.13 | 1,971 |
| 1964..... | 5,617 | 36,203 | 4,361 | 8,362 | 25,677 | 78,643 | 6,445 | 5,888 | 18,033 | 3.06 | 3.07 | 1,917 |
| 1965..... | 5,859 | 41,311 | 4,527 | 8,908 | 30,319 | 83,422 | 7,051 | 6,697 | 18,428 | 2.75 | 3.40 | 1,968 |
| West Virginia: | | | | | | | | | | | | |
| 1958..... | 21,590 | 95,051 | 19,030 | 34,080 | 80,170 | 156,607 | 4,403 | 4,213 | 8,299 | 1.95 | 2.35 | 1,791 |
| 1963..... | 20,342 | 108,647 | 17,933 | 35,020 | 90,376 | 219,148 | 5,341 | 5,040 | 12,220 | 2.42 | 2.58 | 1,953 |
| 1964..... | 20,012 | 111,052 | 17,462 | 34,280 | 92,318 | 220,741 | 5,549 | 5,287 | 12,641 | 2.39 | 2.69 | 1,963 |
| 1965..... | 20,426 | 117,574 | 18,099 | 35,706 | 97,618 | 224,255 | 5,756 | 5,394 | 12,390 | 2.30 | 2.73 | 1,973 |
| Wisconsin: | | | | | | | | | | | | |
| 1958..... | 6,322 | 32,481 | 4,957 | 9,935 | 22,384 | 64,687 | 5,138 | 4,516 | 13,050 | 2.89 | 2.25 | 2,004 |
| 1963..... | 7,659 | 44,449 | 5,735 | 11,742 | 30,322 | 87,037 | 5,803 | 5,287 | 15,176 | 2.87 | 2.58 | 2,047 |
| 1964..... | 7,059 | 44,766 | 5,087 | 11,154 | 28,873 | 98,868 | 6,342 | 5,676 | 19,435 | 3.42 | 2.59 | 2,193 |
| 1965..... | 7,625 | 51,421 | 5,721 | 11,991 | 33,931 | 102,239 | 6,744 | 5,931 | 17,871 | 3.01 | 2.83 | 2,096 |
| Wyoming: | | | | | | | | | | | | |
| 1958..... | 545 | 2,448 | 429 | 794 | 2,005 | 5,181 | 4,492 | 4,674 | 12,077 | 2.58 | 2.53 | 1,851 |
| 1963..... | 632 | 3,716 | 537 | 1,146 | 3,040 | 8,885 | 5,880 | 5,661 | 16,546 | 2.92 | 2.65 | 2,134 |
| 1964..... | 624 | 3,699 | 533 | 1,153 | 3,046 | 8,735 | 5,928 | 5,715 | 16,388 | 2.87 | 2.64 | 2,163 |
| 1965..... | 605 | 3,359 | 521 | 1,139 | 2,902 | 9,264 | 5,552 | 5,570 | 17,781 | 3.19 | 2.55 | 2,186 |

Table II-1c.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1963-65, MISCELLANEOUS MANUFACTURING¹

NOTE: Data for 1964 and 1965 may be subject to high standard errors of estimate. Consult Chapter 8 or the Annual Survey of Manufactures, 1964-65 for standard errors of estimate.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|-----------------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Alabama: | | | | | | | | | | | | |
| 1963..... | 1,596 | 5,971 | 1,356 | 2,676 | 4,247 | 10,021 | 3,741 | 3,132 | 7,390 | 2.36 | 1.59 | 1,973 |
| 1964..... | 1,930 | 6,897 | 1,640 | 3,179 | 5,098 | 10,942 | 3,574 | 3,109 | 6,672 | 2.15 | 1.60 | 1,938 |
| 1965..... | 1,989 | 7,255 | 1,719 | 3,420 | 5,712 | 10,071 | 3,648 | 3,323 | 5,859 | 1.76 | 1.67 | 1,990 |
| Alaska: | | | | | | | | | | | | |
| 1963..... | 19 | 92 | 14 | 28 | 71 | 233 | 4,842 | 5,071 | 16,643 | 3.28 | 2.54 | 2,000 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona: | | | | | | | | | | | | |
| 1963..... | 471 | 2,171 | 355 | 669 | 1,582 | 3,577 | 4,609 | 4,456 | 10,076 | 2.26 | 2.36 | 1,885 |
| 1964..... | 500 | 2,349 | 391 | 743 | 1,774 | 3,718 | 4,698 | 4,537 | 9,509 | 2.10 | 2.39 | 1,900 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arkansas: | | | | | | | | | | | | |
| 1963..... | 3,025 | 11,346 | 2,590 | 5,336 | 8,532 | 23,646 | 3,751 | 3,294 | 9,130 | 2.77 | 1.60 | 2,060 |
| 1964..... | 2,953 | 11,717 | 2,608 | 5,272 | 8,797 | 26,065 | 3,968 | 3,373 | 9,994 | 2.96 | 1.67 | 2,021 |
| 1965..... | 3,558 | 14,399 | 3,122 | 6,391 | 10,975 | 33,024 | 4,047 | 3,515 | 10,578 | 3.01 | 1.72 | 2,047 |
| California: | | | | | | | | | | | | |
| 1963..... | 24,650 | 129,133 | 18,835 | 36,336 | 83,706 | 277,554 | 5,239 | 4,444 | 14,736 | 3.32 | 2.30 | 1,929 |
| 1964..... | 23,140 | 130,068 | 17,178 | 34,104 | 81,262 | 262,733 | 5,621 | 4,731 | 15,295 | 3.23 | 2.38 | 1,985 |
| 1965..... | 27,113 | 150,072 | 20,999 | 40,229 | 97,130 | 297,998 | 5,535 | 4,625 | 14,191 | 3.07 | 2.41 | 1,916 |
| Colorado: | | | | | | | | | | | | |
| 1963..... | 1,586 | 7,718 | 1,187 | 2,406 | 4,519 | 12,497 | 4,866 | 3,807 | 10,528 | 2.77 | 1.88 | 2,027 |
| 1964..... | 1,828 | 8,950 | 1,432 | 2,880 | 5,451 | 12,429 | 4,896 | 3,807 | 8,679 | 2.28 | 1.89 | 2,011 |
| 1965..... | 1,818 | 9,060 | 1,418 | 3,066 | 5,751 | 16,319 | 4,983 | 4,056 | 11,508 | 2.84 | 1.88 | 2,162 |
| Connecticut: | | | | | | | | | | | | |
| 1963..... | 16,157 | 87,525 | 13,132 | 26,165 | 63,742 | 190,248 | 5,417 | 4,854 | 14,487 | 2.98 | 2.44 | 1,992 |
| 1964..... | 16,307 | 93,166 | 13,453 | 27,261 | 66,309 | 187,379 | 5,713 | 4,929 | 13,928 | 2.83 | 2.43 | 2,026 |
| 1965..... | 18,005 | 106,234 | 15,026 | 29,952 | 77,796 | 226,757 | 5,900 | 5,177 | 15,091 | 2.91 | 2.60 | 1,993 |
| Delaware: | | | | | | | | | | | | |
| 1963..... | 234 | 603 | 203 | 311 | 410 | 741 | 2,577 | 2,020 | 3,650 | 1.81 | 1.32 | 1,532 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| District of Columbia: | | | | | | | | | | | | |
| 1963..... | 240 | 1,418 | 173 | 338 | 988 | 1,959 | 5,908 | 5,711 | 11,324 | 1.98 | 2.92 | 1,954 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

¹ See footnote at end of table.

Table II-1c.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1963-65, MISCELLANEOUS MANUFACTURING¹--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per pro- duction worker (dollars) | Value added per production worker (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|--------------------|--------------------|--------------------|-----------------|-----------------------|--------------------------------|---|---|--|--|
| | Number | Payroll (\$1, 000) | Number | Man-hours (1, 000) | Wages (\$1,000) | | | | | | |
| | | | | | | | | | | | |
| Florida: | | | | | | | | | | | |
| 1963..... | 3,106 | 12,195 | 2,543 | 4,926 | 8,933 | 22,477 | 3,926 | 3,513 | 8,839 | 2.52 | 1,937 |
| 1964..... | 3,345 | 13,139 | 2,718 | 5,249 | 10,206 | 24,146 | 3,928 | 3,755 | 8,884 | 2.37 | 1,931 |
| 1965..... | 3,557 | 15,055 | 2,911 | 5,599 | 11,169 | 25,095 | 4,232 | 3,837 | 8,621 | 2.25 | 1,923 |
| Georgia: | | | | | | | | | | | |
| 1963..... | 4,615 | 18,117 | 3,863 | 7,307 | 12,465 | 40,562 | 3,926 | 3,227 | 10,500 | 3.25 | 1,892 |
| 1964..... | 4,647 | 19,831 | 3,930 | 7,757 | 13,577 | 42,585 | 4,267 | 3,455 | 10,836 | 3.14 | 1,975 |
| 1965..... | 5,844 | 23,951 | 4,982 | 9,400 | 17,353 | 59,676 | 4,098 | 3,483 | 11,978 | 3.44 | 1,887 |
| Hawaii: | | | | | | | | | | | |
| 1963..... | 296 | 784 | 249 | 453 | 559 | 1,263 | 2,649 | 2,245 | 5,072 | 2.26 | 1,819 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Idaho: | | | | | | | | | | | |
| 1963..... | 253 | 959 | 209 | 398 | 687 | 1,720 | 3,791 | 3,287 | 8,230 | 2.50 | 1,904 |
| 1964..... | 256 | 1,067 | 211 | 377 | 755 | 1,680 | 4,168 | 3,578 | 7,962 | 2.23 | 1,787 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Illinois: | | | | | | | | | | | |
| 1963..... | 31,998 | 165,963 | 25,186 | 50,477 | 110,624 | 310,714 | 5,187 | 4,392 | 12,337 | 2.81 | 2,004 |
| 1964..... | 33,508 | 178,632 | 25,926 | 51,203 | 117,834 | 328,845 | 5,331 | 4,545 | 12,684 | 2.79 | 1,975 |
| 1965..... | 33,600 | 184,536 | 26,703 | 53,905 | 125,638 | 337,111 | 5,492 | 4,705 | 12,624 | 2.68 | 2,019 |
| Indiana: | | | | | | | | | | | |
| 1963..... | 8,377 | 47,055 | 6,414 | 13,003 | 31,263 | 91,201 | 5,617 | 4,874 | 14,219 | 2.92 | 2,027 |
| 1964..... | 8,471 | 49,336 | 6,376 | 13,199 | 32,411 | 96,903 | 5,824 | 5,083 | 15,198 | 2.99 | 2,070 |
| 1965..... | 8,805 | 54,461 | 6,615 | 13,814 | 35,935 | 108,785 | 6,185 | 5,432 | 16,445 | 3.03 | 2,088 |
| Iowa: | | | | | | | | | | | |
| 1963..... | 5,428 | 24,576 | 4,211 | 8,029 | 15,534 | 51,310 | 4,528 | 3,689 | 12,185 | 3.30 | 1,907 |
| 1964..... | 4,956 | 26,385 | 3,949 | 7,944 | 16,075 | 62,049 | 5,324 | 4,071 | 15,713 | 3.86 | 2,012 |
| 1965..... | 5,297 | 26,181 | 3,883 | 7,694 | 15,607 | 57,276 | 4,943 | 4,019 | 14,750 | 3.67 | 1,981 |
| Kansas: | | | | | | | | | | | |
| 1963..... | 758 | 3,495 | 594 | 1,204 | 2,427 | 6,683 | 4,611 | 4,086 | 11,251 | 2.75 | 2,027 |
| 1964..... | 776 | 3,726 | 593 | 1,213 | 2,489 | 9,248 | 4,802 | 4,197 | 15,595 | 3.72 | 2,046 |
| 1965..... | 779 | 3,556 | 611 | 1,223 | 2,492 | 7,219 | 4,565 | 4,079 | 11,815 | 2.90 | 2,002 |
| Kentucky: | | | | | | | | | | | |
| 1963..... | 1,756 | 8,250 | 1,443 | 2,929 | 5,913 | 15,378 | 4,698 | 4,098 | 10,657 | 2.60 | 2,030 |
| 1964..... | 1,999 | 9,671 | 1,645 | 3,411 | 6,917 | 18,836 | 4,838 | 4,205 | 11,450 | 2.72 | 2,074 |
| 1965..... | 2,093 | 9,791 | 1,797 | 3,497 | 7,181 | 18,326 | 4,678 | 3,996 | 10,198 | 2.55 | 1,946 |
| Louisiana: | | | | | | | | | | | |
| 1963..... | 1,047 | 3,782 | 850 | 1,607 | 2,732 | 6,429 | 3,612 | 3,214 | 7,564 | 2.35 | 1,891 |
| 1964..... | 1,053 | 5,028 | 851 | 1,680 | 3,476 | 7,933 | 4,775 | 4,085 | 9,322 | 2.07 | 1,974 |
| 1965..... | 1,290 | 5,207 | 1,044 | 2,225 | 3,740 | 10,191 | 4,036 | 3,582 | 9,761 | 2.72 | 2,131 |

¹ See footnote at end of table.

Table II-1.c.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1963-65, MISCELLANEOUS MANUFACTURING¹--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per pro- duction worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production worker man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---|---|---|--|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| Maine: | | | | | | | | | | | | |
| 1963..... | 1,055 | 3,821 | 927 | 1,925 | 3,013 | 6,867 | 3,622 | 3,250 | 7,408 | 2.28 | 1.57 | 2,077 |
| 1964..... | 1,057 | 3,663 | 928 | 1,924 | 2,895 | 6,936 | 3,465 | 3,120 | 7,474 | 2.40 | 1.50 | 2,073 |
| 1965..... | 1,092 | 4,199 | 975 | 2,003 | 3,495 | 8,535 | 3,845 | 3,585 | 8,754 | 2.44 | 1.74 | 2,054 |
| Maryland: | | | | | | | | | | | | |
| 1963..... | 3,122 | 14,716 | 2,510 | 4,865 | 10,028 | 24,745 | 4,714 | 3,995 | 9,859 | 2.47 | 2.06 | 1,938 |
| 1964..... | 3,218 | 15,786 | 2,575 | 5,101 | 10,853 | 28,316 | 4,906 | 4,215 | 10,997 | 2.61 | 2.13 | 1,981 |
| 1965..... | 3,350 | 17,012 | 2,670 | 5,224 | 11,696 | 28,299 | 5,078 | 4,381 | 10,599 | 2.42 | 2.24 | 1,957 |
| Massachusetts: | | | | | | | | | | | | |
| 1963..... | 26,340 | 125,014 | 20,663 | 40,463 | 81,363 | 255,114 | 4,746 | 3,938 | 12,346 | 3.14 | 2.01 | 1,958 |
| 1964..... | 26,306 | 132,645 | 20,817 | 41,410 | 84,819 | 256,895 | 5,042 | 4,075 | 12,341 | 3.03 | 2.05 | 1,989 |
| 1965..... | 27,720 | 148,058 | 21,723 | 43,391 | 92,194 | 306,953 | 5,341 | 4,244 | 14,130 | 3.33 | 2.12 | 1,997 |
| Michigan: | | | | | | | | | | | | |
| 1963..... | 11,670 | 63,948 | 8,975 | 17,972 | 43,094 | 146,299 | 5,480 | 4,802 | 16,301 | 3.39 | 2.40 | 2,002 |
| 1964..... | 12,818 | 74,982 | 10,096 | 20,511 | 51,034 | 172,284 | 5,850 | 5,055 | 17,065 | 3.38 | 2.49 | 2,032 |
| 1965..... | 12,541 | 75,213 | 9,679 | 20,033 | 49,566 | 152,095 | 5,997 | 5,121 | 15,714 | 3.07 | 2.47 | 2,070 |
| Minnesota: | | | | | | | | | | | | |
| 1963..... | 6,015 | 26,995 | 4,758 | 9,122 | 18,485 | 50,750 | 4,488 | 3,885 | 10,666 | 2.75 | 2.03 | 1,917 |
| 1964..... | 5,957 | 28,194 | 4,641 | 8,879 | 19,370 | 59,036 | 4,733 | 4,174 | 12,721 | 3.05 | 2.18 | 1,913 |
| 1965..... | 6,533 | 31,808 | 5,142 | 10,095 | 21,562 | 63,703 | 4,869 | 4,193 | 12,389 | 2.95 | 2.14 | 1,963 |
| Mississippi: | | | | | | | | | | | | |
| 1963..... | 2,443 | 8,507 | 2,188 | 4,501 | 6,854 | 24,865 | 3,482 | 3,133 | 11,364 | 3.63 | 1.52 | 2,057 |
| 1964..... | 2,743 | 9,364 | 2,416 | 4,942 | 7,417 | 29,184 | 3,414 | 3,070 | 12,079 | 3.93 | 1.50 | 2,046 |
| 1965..... | 3,126 | 10,822 | 2,857 | 5,681 | 9,665 | 37,179 | 3,462 | 3,383 | 13,013 | 3.85 | 1.70 | 1,988 |
| Missouri: | | | | | | | | | | | | |
| 1963..... | 6,865 | 27,483 | 5,485 | 10,396 | 19,218 | 47,639 | 4,003 | 3,504 | 8,685 | 2.48 | 1.85 | 1,895 |
| 1964..... | 7,345 | 29,364 | 5,959 | 11,240 | 21,310 | 49,298 | 3,998 | 3,576 | 8,273 | 2.31 | 1.90 | 1,886 |
| 1965..... | 7,526 | 31,081 | 6,213 | 12,434 | 22,559 | 55,728 | 4,130 | 3,631 | 8,970 | 2.47 | 1.81 | 2,001 |
| Montana: | | | | | | | | | | | | |
| 1963..... | 165 | 876 | 121 | 217 | 593 | 1,964 | 5,309 | 4,901 | 16,231 | 3.31 | 2.73 | 1,793 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nebraska: | | | | | | | | | | | | |
| 1963..... | 1,570 | 6,005 | 1,307 | 2,572 | 4,341 | 14,092 | 3,825 | 3,321 | 10,782 | 3.25 | 1.69 | 1,968 |
| 1964..... | 1,515 | 6,426 | 1,296 | 2,655 | 4,706 | 16,067 | 4,242 | 3,631 | 12,397 | 3.41 | 1.77 | 2,049 |
| 1965..... | 1,764 | 6,698 | 1,397 | 2,479 | 4,544 | 14,592 | 3,797 | 3,253 | 10,445 | 3.21 | 1.83 | 1,775 |
| New Hampshire: | | | | | | | | | | | | |
| 1963..... | 1,801 | 6,710 | 1,573 | 3,127 | 5,672 | 12,247 | 3,726 | 3,606 | 7,786 | 2.16 | 1.81 | 1,988 |
| 1964..... | 1,990 | 7,872 | 1,730 | 3,496 | 6,320 | 11,663 | 3,956 | 3,653 | 6,742 | 1.85 | 1.81 | 2,021 |
| 1965..... | 2,035 | 8,263 | 1,754 | 3,471 | 6,675 | 12,541 | 4,060 | 3,806 | 7,150 | 1.88 | 1.92 | 1,979 |

¹See footnote at end of table.

Table II-1c.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1963-65, MISCELLANEOUS MANUFACTURING¹--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per worker (dollars) | Wages per production worker (dollars) | Annual man-hours per production worker |
|-----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|----------------------------------|---------------------------------------|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| New Jersey: | | | | | | | | | | | | |
| 1963..... | 28,998 | 131,965 | 23,566 | 46,163 | 91,406 | 239,831 | 4,551 | 3,879 | 10,177 | 2.62 | 1.98 | 1,959 |
| 1964..... | 27,394 | 132,725 | 22,337 | 44,948 | 92,584 | 226,068 | 4,845 | 4,145 | 10,121 | 2.44 | 2.06 | 2,012 |
| 1965..... | 30,994 | 145,460 | 25,544 | 49,887 | 94,666 | 269,996 | 4,693 | 3,706 | 10,570 | 2.85 | 1.90 | 1,953 |
| New York: | | | | | | | | | | | | |
| 1963..... | 91,307 | 405,411 | 75,204 | 144,640 | 286,857 | 771,796 | 4,440 | 3,814 | 10,263 | 2.69 | 1.98 | 1,923 |
| 1964..... | 89,505 | 424,398 | 73,441 | 146,778 | 297,126 | 833,137 | 4,742 | 4,046 | 11,344 | 2.80 | 2.02 | 1,999 |
| 1965..... | 94,360 | 442,022 | 81,049 | 150,705 | 305,842 | 842,147 | 4,684 | 3,774 | 10,391 | 2.75 | 2.03 | 1,859 |
| North Carolina: | | | | | | | | | | | | |
| 1963..... | 2,714 | 9,394 | 2,310 | 4,608 | 6,927 | 18,310 | 3,461 | 2,999 | 7,926 | 2.64 | 1.50 | 1,995 |
| 1964..... | 2,773 | 9,917 | 2,347 | 4,867 | 7,379 | 21,498 | 3,576 | 3,144 | 9,160 | 2.91 | 1.52 | 2,074 |
| 1965..... | 3,278 | 12,334 | 2,766 | 5,705 | 9,639 | 24,728 | 3,763 | 3,485 | 8,940 | 2.57 | 1.69 | 2,063 |
| North Dakota: | | | | | | | | | | | | |
| 1963..... | 227 | 924 | 180 | 349 | 648 | 1,438 | 4,070 | 3,600 | 7,989 | 2.22 | 1.86 | 1,939 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Ohio: | | | | | | | | | | | | |
| 1963..... | 19,574 | 98,021 | 15,081 | 29,527 | 65,281 | 170,956 | 5,008 | 4,329 | 11,336 | 2.62 | 2.21 | 1,958 |
| 1964..... | 18,808 | 98,195 | 14,007 | 27,641 | 61,456 | 173,042 | 5,221 | 4,388 | 12,354 | 2.82 | 2.22 | 1,973 |
| 1965..... | 18,361 | 199,937 | 14,144 | 27,433 | 65,353 | 180,619 | 5,448 | 4,621 | 12,770 | 2.76 | 2.38 | 1,940 |
| Oklahoma: | | | | | | | | | | | | |
| 1963..... | 1,092 | 4,427 | 884 | 1,720 | 3,319 | 12,515 | 4,054 | 3,755 | 14,157 | 3.77 | 1.93 | 1,946 |
| 1964..... | 1,172 | 5,253 | 1,084 | 1,853 | 3,698 | 12,674 | 4,482 | 3,411 | 11,692 | 3.43 | 2.00 | 1,709 |
| 1965..... | 1,376 | 5,561 | 1,120 | 2,191 | 4,239 | 16,541 | 4,041 | 3,785 | 14,769 | 3.90 | 1.93 | 1,956 |
| Oregon: | | | | | | | | | | | | |
| 1963..... | 1,493 | 6,927 | 1,176 | 2,114 | 4,673 | 11,488 | 4,640 | 3,974 | 9,769 | 2.46 | 2.21 | 1,798 |
| 1964..... | 1,564 | 7,692 | 1,219 | 2,214 | 5,038 | 16,883 | 4,918 | 4,133 | 13,850 | 3.35 | 2.28 | 1,816 |
| 1965..... | 1,634 | 8,472 | 1,317 | 2,307 | 5,502 | 13,227 | 5,185 | 4,178 | 10,043 | 2.40 | 2.38 | 1,752 |
| Pennsylvania: | | | | | | | | | | | | |
| 1963..... | 26,708 | 124,648 | 21,952 | 42,510 | 92,233 | 264,963 | 4,667 | 4,202 | 12,070 | 2.87 | 2.17 | 1,936 |
| 1964..... | 27,420 | 134,899 | 22,382 | 43,611 | 99,420 | 284,883 | 4,920 | 4,442 | 12,728 | 2.87 | 2.28 | 1,948 |
| 1965..... | 27,605 | 137,642 | 22,623 | 43,391 | 101,458 | 306,680 | 4,986 | 4,485 | 13,556 | 3.02 | 2.34 | 1,918 |
| Rhode Island: | | | | | | | | | | | | |
| 1963..... | 21,239 | 84,042 | 17,676 | 33,627 | 59,102 | 152,303 | 3,957 | 3,344 | 8,616 | 2.58 | 1.76 | 1,902 |
| 1964..... | 20,933 | 82,786 | 17,320 | 32,611 | 57,974 | 142,514 | 3,955 | 3,347 | 8,228 | 2.46 | 1.78 | 1,883 |
| 1965..... | 24,878 | 98,102 | 20,007 | 40,613 | 70,738 | 207,456 | 3,943 | 3,536 | 10,369 | 2.93 | 1.74 | 2,030 |
| South Carolina: | | | | | | | | | | | | |
| 1963..... | 3,178 | 12,275 | 2,724 | 5,418 | 8,756 | 29,716 | 3,862 | 3,214 | 10,909 | 3.39 | 1.62 | 1,989 |
| 1964..... | 3,587 | 14,526 | 3,048 | 6,215 | 10,488 | 32,621 | 4,050 | 3,441 | 10,702 | 3.11 | 1.69 | 2,039 |
| 1965..... | 3,682 | 15,489 | 3,145 | 6,443 | 10,249 | 33,236 | 4,207 | 3,259 | 10,568 | 3.24 | 1.59 | 2,049 |

See footnote at end of table.

Table II-1c.--GENERAL STATISTICS AND SELECTED RATIOS BY STATE, 1963-65, MISCELLANEOUS MANUFACTURING¹--Con.

| State and year | Total employment | | Production workers | | | Value added (\$1,000) | Payroll per employee (dollars) | Wages per production worker (dollars) | Value added per production worker (dollars) | Value added per dollar of wages (dollars) | Wages per production man-hour (dollars) | Annual man-hours per production worker |
|----------------|------------------|-------------------|--------------------|-------------------|-----------------|-----------------------|--------------------------------|---------------------------------------|---|---|---|--|
| | Number | Payroll (\$1,000) | Number | Man-hours (1,000) | Wages (\$1,000) | | | | | | | |
| South Dakota: | | | | | | | | | | | | |
| 1963..... | 164 | 604 | 127 | 252 | 412 | 1,083 | 3,683 | 3,244 | 8,528 | 2.63 | 1.63 | 1,984 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee: | | | | | | | | | | | | |
| 1963..... | 5,821 | 20,988 | 4,920 | 9,309 | 15,389 | 39,799 | 3,606 | 3,128 | 8,089 | 2.59 | 1.65 | 1,892 |
| 1964..... | 6,024 | 22,596 | 5,098 | 9,887 | 15,738 | 46,475 | 3,751 | 3,087 | 9,116 | 2.95 | 1.59 | 1,939 |
| 1965..... | 5,807 | 24,333 | 4,989 | 9,899 | 18,218 | 57,110 | 4,190 | 3,652 | 11,447 | 3.13 | 1.84 | 1,984 |
| Texas: | | | | | | | | | | | | |
| 1963..... | 5,336 | 21,005 | 4,357 | 8,249 | 14,696 | 40,178 | 3,936 | 3,373 | 9,221 | 2.73 | 1.78 | 1,893 |
| 1964..... | 5,066 | 21,376 | 3,898 | 8,151 | 14,140 | 40,851 | 4,220 | 3,628 | 10,480 | 2.89 | 1.73 | 2,091 |
| 1965..... | 5,333 | 21,662 | 4,111 | 8,309 | 15,032 | 41,541 | 4,062 | 3,657 | 10,105 | 2.76 | 1.81 | 2,021 |
| Utah: | | | | | | | | | | | | |
| 1963..... | 650 | 3,112 | 522 | 1,062 | 2,267 | 4,864 | 4,788 | 4,343 | 9,318 | 2.15 | 2.13 | 2,034 |
| 1964..... | 655 | 3,270 | 528 | 1,074 | 1,859 | 5,436 | 4,992 | 3,521 | 10,295 | 2.92 | 1.73 | 2,034 |
| 1965..... | 620 | 3,480 | 509 | 994 | 2,652 | 5,164 | 5,613 | 5,210 | 10,145 | 1.95 | 2.67 | 1,933 |
| Vermont: | | | | | | | | | | | | |
| 1963..... | 487 | 1,607 | 394 | 713 | 1,210 | 3,721 | 3,300 | 3,071 | 9,444 | 3.08 | 1.70 | 1,810 |
| 1964..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 1965..... | 548 | 2,185 | 430 | 823 | 1,421 | 3,970 | 3,987 | 3,305 | 9,233 | 2.79 | 1.73 | 1,914 |
| Virginia: | | | | | | | | | | | | |
| 1963..... | 3,448 | 15,173 | 2,766 | 5,331 | 10,502 | 32,306 | 4,401 | 3,797 | 11,680 | 3.08 | 1.97 | 1,927 |
| 1964..... | 3,311 | 15,054 | 2,570 | 5,217 | 10,329 | 29,408 | 4,547 | 4,019 | 11,443 | 2.85 | 1.98 | 2,030 |
| 1965..... | 3,294 | 14,908 | 2,662 | 5,072 | 10,177 | 31,408 | 4,526 | 3,823 | 11,799 | 3.09 | 2.01 | 1,905 |
| Washington: | | | | | | | | | | | | |
| 1963..... | 1,796 | 9,268 | 1,433 | 2,632 | 6,642 | 14,896 | 5,160 | 4,635 | 10,395 | 2.24 | 2.52 | 1,837 |
| 1964..... | 1,497 | 8,072 | 1,238 | 2,304 | 5,967 | 13,503 | 5,392 | 4,820 | 10,907 | 2.26 | 2.59 | 1,861 |
| 1965..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| West Virginia: | | | | | | | | | | | | |
| 1963..... | 825 | 3,393 | 749 | 1,486 | 2,902 | 6,097 | 4,113 | 3,874 | 8,140 | 2.10 | 1.95 | 1,984 |
| 1964..... | 855 | 3,551 | 762 | 1,515 | 3,050 | 6,863 | 4,153 | 4,003 | 9,007 | 2.25 | 2.01 | 1,988 |
| 1965..... | 1,134 | 4,877 | 1,046 | 2,231 | 4,462 | 6,800 | 4,301 | 4,266 | 6,501 | 1.52 | 2.00 | 2,133 |
| Wisconsin: | | | | | | | | | | | | |
| 1963..... | 8,486 | 40,892 | 6,682 | 12,865 | 26,804 | 87,608 | 4,819 | 4,011 | 13,111 | 3.27 | 2.08 | 1,925 |
| 1964..... | 8,709 | 44,393 | 6,544 | 12,843 | 26,938 | 95,149 | 5,097 | 4,116 | 14,540 | 3.53 | 2.10 | 1,963 |
| 1965..... | 8,924 | 49,344 | 6,831 | 13,500 | 29,403 | 102,806 | 5,529 | 4,304 | 15,050 | 3.50 | 2.18 | 1,976 |

¹Data are not shown for 1958 because SICs 19 and 39 were reported on a combined basis in that year.

Table II-2a--CAPITAL EXPENDITURES AND SELECTED RATIOS, LEATHER AND LEATHER PRODUCTS,
BY STATE, 1958 AND 1963-65

| Industry and state | Capital expenditures (Millions of dollars) | | | | | Average annual capital expendi- tures per \$1,000 of value added, 1963-65 (dollars) | Average annual capital expendi- tures per workers, 1963-65 (dollars) | Percent distribu- tion of leather and leather products capital expendi- tures, 1963-65 |
|--|---|------------------|----------|----------|----------|--|---|---|
| | 1958 | Total 1963-65 | 1963 | 1964 | 1965 | | | |
| All manufacturing | 9,075.8 | 41,264.7 | 11,370.9 | 13,287.2 | 16,606.6 | 66 | 1,095 | ..... |
| Leather & leather products, total.. | 31.7 | 118.1 | 34.5 | 37.7 | 45.9 | 18 | 134 | 100.0 |
| Alabama..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Alaska..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arkansas..... | 0.4 | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| California..... | 1.3 | 4.0 | 0.7 | 2.3 | 1.0 | 30 | 270 | 3.4 |
| Colorado..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Connecticut..... | 0.5 | 0.4 | 0.2 | 0.1 | 0.1 | 10 | 61 | 0.3 |
| Delaware..... | 0.2 | 3.9 | 3.5 | 0.2 | 0.2 | 90 | 871 | 3.3 |
| District of Columbia | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida..... | 0.1 | 1.0 | 0.2 | 0.2 | 0.6 | 33 | 212 | 0.8 |
| Georgia..... | 0.3 | 1.5 | 0.3 | 0.4 | 0.8 | 21 | 130 | 1.3 |
| Hawaii..... | n.a. | n.a. | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Idaho..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Illinois..... | (D) | 5.7 | 1.3 | 2.1 | 2.3 | 15 | 135 | 4.8 |
| Indiana..... | 0.3 | 1.2 | 0.3 | 0.4 | 0.5 | 18 | 143 | 1.0 |
| Iowa..... | (D) | n.a. | (Z) | (Z) | (*) | n.a. | n.a. | n.a. |
| Kansas..... | (D) | n.a. | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Kentucky..... | 0.1 | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Louisiana..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Maine..... | 1.6 | 8.1 | 1.9 | 3.4 | 2.8 | 18 | 116 | 6.9 |
| Maryland..... | 0.1 | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Massachusetts..... | 6.2 | 14.9 | 4.0 | 4.5 | 6.4 | 15 | 117 | 12.6 |
| Michigan..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Minnesota..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Mississippi..... | (D) | n.a. | (D) | (D) | (D) | n.a. | n.a. | n.a. |
| Missouri..... | 1.4 | 10.5 | 3.8 | 3.2 | 3.5 | 18 | 138 | 8.9 |
| Montana..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nebraska..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nevada..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire..... | 1.2 | 5.4 | 1.9 | 1.7 | 1.8 | 16 | 101 | 4.6 |
| New Jersey..... | 1.1 | 3.6 | 1.2 | 1.2 | 1.2 | 14 | 112 | 3.0 |
| New Mexico..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| New York..... | 5.1 | 14.3 | 4.6 | 3.9 | 5.8 | 14 | 104 | 12.1 |
| North Carolina..... | 0.3 | 0.9 | 0.2 | 0.4 | 0.3 | 22 | 184 | 0.8 |
| North Dakota..... | (D) | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Ohio..... | 1.1 | 4.5 | 1.6 | 1.3 | 1.6 | 21 | 178 | 3.8 |
| Oklahoma..... | (D) | n.a. | (Z) | n.a. | (Z) | n.a. | n.a. | n.a. |
| Oregon..... | (D) | n.a. | (Z) | (*) | (*) | n.a. | n.a. | n.a. |
| Pennsylvania..... | 2.9 | 9.9 | 2.9 | 3.6 | 3.4 | 19 | 115 | 8.4 |
| Rhode Island..... | 0.1 | 0.5 | 0.1 | 0.2 | 0.2 | 14 | 142 | 0.4 |
| South Carolina..... | (Z) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| South Dakota..... | (D) | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee..... | 1.4 | 6.7 | 2.2 | 1.7 | 2.8 | 19 | 150 | 5.7 |
| Texas..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Utah..... | (D) | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Vermont..... | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 22 | 161 | 0.2 |
| Virginia..... | 0.2 | n.a. | 0.3 | 0.6 | (*) | n.a. | n.a. | n.a. |
| Washington..... | (D) | n.a. | (Z) | (*) | (Z) | n.a. | n.a. | n.a. |
| West Virginia..... | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 15 | 127 | 0.2 |
| Wisconsin..... | 1.8 | n.a. | (D) | (D) | (D) | n.a. | n.a. | n.a. |
| Wyoming..... | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-2b.--CAPITAL EXPENDITURES AND SELECTED RATIOS, STONE, CLAY AND GLASS PRODUCTS,
BY STATE, 1958 AND 1963-65

| All manufacturing | Capital expenditures (Millions of dollars) | | | | | Average annual capital expendi- tures per \$1,000 of value added, 1963-65 (dollars) | Average annual capital expendi- tures per production worker, 1963-65 (dollars) | Percent distribu- tion of stone, clay, and glass products capital expendi- tures, 1963-65 |
|---|---|------------------|----------|----------|----------|--|--|---|
| | 1958 | Total 1963-65 | 1963 | 1964 | 1965 | | | |
| All manufacturing | 9,075.8 | 41,264.7 | 11,370.9 | 13,287.2 | 16,606.6 | 66 | 1,095 | ..... |
| Stone, clay, & glass products, total..... | 442.8 | 1,970.0 | 607.6 | 627.2 | 735.2 | 88 | 1,418 | 100 |
| Alabama..... | 9.9 | 22.0 | 6.1 | 7.7 | 8.2 | 72 | 1,124 | 1.1 |
| Alaska..... | n.a. | n.a. | 0.3 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | 2.2 | 15.6 | 4.6 | 6.8 | 4.2 | 130 | 2,421 | 0.8 |
| Arkansas..... | 2.2 | 10.9 | 5.2 | 4.0 | 1.7 | 92 | 1,241 | 0.6 |
| California..... | 40.0 | 220.8 | 56.7 | 93.6 | 70.5 | 111 | 2,163 | 11.2 |
| Colorado..... | 3.5 | 19.9 | 4.4 | 9.8 | 5.7 | 106 | 1,928 | 1.0 |
| Connecticut..... | 4.5 | 18.8 | 5.8 | 3.6 | 9.4 | 67 | 1,156 | 0.9 |
| Delaware..... | 0.5 | n.a. | 1.0 | (*) | 1.2 | n.a. | n.a. | n.a. |
| District of Columbia | 0.6 | 2.7 | 1.4 | 0.8 | 0.5 | 86 | 1,299 | 0.1 |
| Florida..... | 15.4 | 50.5 | 11.4 | 14.4 | 24.7 | 112 | 1,737 | 2.6 |
| Georgia..... | 7.5 | 40.4 | 17.9 | 9.6 | 12.9 | 112 | 1,359 | 2.0 |
| Hawaii..... | n.a. | 2.9 | 0.7 | 1.4 | 0.8 | 62 | 1,431 | 0.1 |
| Idaho..... | (D) | n.a. | 1.3 | 0.9 | (*) | n.a. | n.a. | n.a. |
| Illinois..... | 25.2 | 85.5 | 30.2 | 23.0 | 32.3 | 56 | 936 | 4.3 |
| Indiana..... | 22.8 | 78.5 | 18.9 | 27.6 | 32.0 | 90 | 1,246 | 4.0 |
| Iowa..... | 10.4 | 33.1 | 8.7 | 10.3 | 14.1 | 112 | 2,364 | 1.7 |
| Kansas..... | 7.4 | 29.5 | 8.0 | 14.3 | 7.2 | 103 | 4,805 | 1.5 |
| Kentucky..... | 4.4 | 19.7 | 7.7 | 5.2 | 6.8 | 90 | 1,295 | 1.0 |
| Louisiana..... | 5.4 | 17.3 | 4.6 | 4.3 | 8.4 | 62 | 1,092 | 0.9 |
| Maine..... | 0.7 | 2.3 | 0.9 | 0.2 | 1.2 | 57 | 791 | 0.1 |
| Maryland..... | 6.7 | 38.9 | 21.0 | 8.3 | 9.6 | 90 | 1,623 | 2.0 |
| Massachusetts..... | 12.3 | 36.8 | 8.5 | 18.5 | 9.8 | 78 | 1,591 | 1.9 |
| Michigan..... | 14.7 | 92.1 | 22.9 | 28.5 | 40.7 | 87 | 2,021 | 4.7 |
| Minnesota..... | 6.6 | 36.1 | 7.2 | 21.9 | 7.0 | 65 | 1,613 | 1.8 |
| Mississippi..... | 3.4 | 14.2 | 3.5 | 3.5 | 7.2 | 88 | 1,198 | 0.7 |
| Missouri..... | 14.9 | 62.3 | 9.8 | 11.5 | 41.0 | 114 | 1,979 | 3.2 |
| Montana..... | (D) | 15.4 | 12.4 | 0.4 | 2.6 | 399 | 8,191 | 0.8 |
| Nebraska..... | 3.1 | 6.1 | 3.5 | 1.2 | 1.4 | 66 | 1,196 | 0.3 |
| Nevada..... | 1.7 | 10.2 | 2.5 | 1.3 | 6.4 | 145 | 3,738 | 0.5 |
| New Hampshire..... | 0.8 | 2.8 | 1.4 | 0.4 | 1.0 | 52 | 670 | 0.1 |
| New Jersey..... | 16.4 | 91.5 | 32.9 | 23.7 | 34.9 | 72 | 1,071 | 4.6 |
| New Mexico..... | 1.6 | 5.8 | 1.9 | 1.7 | 2.2 | 100 | 1,945 | 0.3 |
| New York..... | 32.7 | 116.5 | 31.6 | 35.2 | 49.7 | 75 | 1,318 | 5.1 |
| North Carolina..... | 4.4 | 50.5 | 23.3 | 13.7 | 13.5 | 159 | 1,846 | 2.6 |
| North Dakota..... | 0.7 | n.a. | 0.4 | n.a. | 0.5 | n.a. | n.a. | n.a. |
| Ohio..... | 40.8 | 159.2 | 48.2 | 47.3 | 63.7 | 68 | 1,039 | 8.0 |
| Oklahoma..... | 10.4 | 28.2 | 11.9 | 10.4 | 5.9 | 97 | 1,650 | 1.4 |
| Oregon..... | 2.6 | 15.4 | 6.3 | 5.5 | 3.6 | 131 | 2,156 | 0.8 |
| Pennsylvania..... | 43.3 | 139.8 | 42.9 | 39.3 | 57.6 | 70 | 964 | 7.1 |
| Rhode Island..... | 0.6 | 6.5 | 1.5 | 2.1 | 2.9 | 88 | 1,511 | 0.3 |
| South Carolina..... | 4.2 | 34.7 | 8.6 | 8.3 | 17.8 | 146 | 1,830 | 1.8 |
| South Dakota..... | 0.5 | n.a. | 0.9 | 0.5 | (*) | n.a. | n.a. | n.a. |
| Tennessee..... | 7.1 | 52.9 | 17.3 | 13.4 | 22.2 | 91 | 1,512 | 2.7 |
| Texas..... | 23.0 | 117.8 | 53.2 | 27.0 | 37.6 | 124 | 1,948 | 6.0 |
| Utah..... | 2.9 | 6.6 | 2.4 | 0.9 | 3.3 | 60 | 1,125 | 0.3 |
| Vermont..... | 1.1 | 4.0 | 1.6 | 1.5 | 0.9 | 50 | 492 | 0.2 |
| Virginia..... | 4.2 | 38.4 | 10.2 | 10.7 | 17.5 | 112 | 1,607 | 1.9 |
| Washington..... | 4.3 | 29.0 | 6.0 | 12.6 | 10.4 | 125 | 2,233 | 1.5 |
| West Virginia..... | 6.9 | 36.0 | 11.0 | 13.1 | 11.9 | 54 | 673 | 1.8 |
| Wisconsin..... | 5.8 | 27.8 | 6.7 | 11.0 | 10.1 | 96 | 1,680 | 1.4 |
| Wyoming..... | 0.5 | 1.5 | 0.5 | 0.3 | 0.7 | 56 | 943 | 0.1 |

Table II-2c.--CAPITAL EXPENDITURES AND SELECTED RATIOS, MISCELLANEOUS MANUFACTURING,
BY STATES, 1963-65¹

| Industry and state | Capital expenditures (Millions of dollars) | | | | Average annual capital ex- penditures per \$1,000 of value added, 1963-65 (dollars) | Average annual capital ex- pendi- tures per production worker, 1963-65 (dollars) | Percent distribution of miscellaneous manufacturing products capital expenditures, 1963-65 |
|--|---|----------|----------|----------|---|--|---|
| | Total 1963-65 | 1963 | 1964 | 1965 | | | |
| All manufacturing | 41,264.7 | 11,370.9 | 13,287.2 | 16,606.6 | 66 | 1,095 | ..... |
| Miscellaneous manu- facturing, total... | 431.1 | 131.0 | 137.4 | 162.7 | 37 | 446 | 100 |
| Alabama..... | 1.4 | 0.3 | 0.7 | 0.4 | 45 | 297 | 0.3 |
| Alaska..... | n.a. | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Arizona..... | n.a. | 0.1 | 0.1 | (*) | n.a. | n.a. | n.a. |
| Arkansas..... | 3.3 | 0.6 | 0.9 | 1.8 | 40 | 397 | 0.8 |
| California..... | 37.2 | 12.3 | 12.2 | 12.7 | 44 | 652 | 8.6 |
| Colorado..... | 0.8 | 0.4 | 0.3 | 0.1 | 19 | 198 | 0.2 |
| Connecticut..... | 20.3 | 5.3 | 6.3 | 8.7 | 34 | 488 | 4.7 |
| Delaware..... | n.a. | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. |
| District of Columbia... | n.a. | 0.1 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Florida..... | 3.7 | 1.4 | 1.5 | 0.8 | 52 | 453 | 0.9 |
| Georgia..... | 9.7 | 1.5 | 4.9 | 3.3 | 68 | 759 | 2.3 |
| Hawaii..... | n.a. | (Z) | (*) | (*) | n.a. | n.a. | n.a. |
| Idaho..... | n.a. | 0.1 | (*) | n.a. | n.a. | n.a. | n.a. |
| Illinois..... | 37.3 | 11.4 | 11.0 | 14.9 | 38 | 479 | 8.7 |
| Indiana..... | 11.4 | 3.2 | 4.0 | 4.2 | 38 | 587 | 2.6 |
| Iowa..... | 6.5 | 1.4 | 3.5 | 1.6 | 38 | 540 | 1.5 |
| Kansas..... | 0.7 | 0.3 | 0.2 | 0.2 | 30 | 389 | 0.2 |
| Kentucky..... | 5.8 | 0.9 | 1.9 | 3.0 | 110 | 1,187 | 1.3 |
| Louisiana..... | 0.7 | 0.2 | 0.2 | 0.3 | 29 | 255 | 0.2 |
| Maine..... | 1.3 | 0.3 | 0.2 | 0.8 | 58 | 459 | 0.3 |
| Maryland..... | 3.7 | 1.4 | 1.7 | 0.6 | 45 | 477 | 0.9 |
| Massachusetts..... | 30.3 | 6.8 | 7.1 | 16.4 | 37 | 479 | 7.0 |
| Michigan..... | 12.9 | 4.1 | 5.1 | 3.7 | 27 | 449 | 3.0 |
| Minnesota..... | 11.0 | 3.0 | 2.8 | 5.2 | 63 | 756 | 2.6 |
| Mississippi..... | 1.7 | 0.6 | 0.7 | 0.4 | 19 | 228 | 0.4 |
| Missouri..... | 3.9 | 1.3 | 1.4 | 1.2 | 26 | 221 | 0.9 |
| Montana..... | n.a. | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Nebraska..... | 1.3 | 0.7 | 0.4 | 0.2 | 29 | 325 | 0.3 |
| Nevada..... | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| New Hampshire..... | 2.2 | 0.8 | 0.9 | 0.5 | 60 | 435 | 0.5 |
| New Jersey..... | 31.8 | 12.2 | 7.0 | 12.6 | 43 | 445 | 7.4 |
| New Mexico..... | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |
| New York..... | 66.0 | 26.2 | 17.9 | 21.9 | 27 | 287 | 15.3 |
| North Carolina..... | 2.9 | 1.1 | 0.3 | 1.5 | 45 | 391 | 0.7 |
| North Dakota..... | n.a. | 0.2 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Ohio..... | 19.5 | 6.7 | 5.8 | 7.0 | 37 | 451 | 4.5 |
| Oklahoma..... | n.a. | 0.3 | (*) | 0.2 | n.a. | n.a. | n.a. |
| Oregon..... | 2.0 | 0.7 | 1.2 | 0.1 | 48 | 539 | 0.5 |
| Pennsylvania..... | 47.5 | 11.0 | 17.6 | 18.9 | 55 | 709 | 11.0 |
| Rhode Island..... | 9.6 | 3.5 | 2.5 | 3.6 | 19 | 175 | 2.2 |
| South Carolina..... | 4.2 | 1.0 | 1.4 | 1.8 | 43 | 471 | 1.0 |
| South Dakota..... | n.a. | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tennessee..... | 6.3 | 1.8 | 2.0 | 2.5 | 44 | 420 | 1.5 |
| Texas..... | 5.1 | 1.5 | 2.0 | 1.6 | 42 | 412 | 1.2 |
| Utah..... | n.a. | 1.0 | (*) | (*) | n.a. | n.a. | n.a. |
| Vermont..... | n.a. | 0.8 | (*) | 0.2 | n.a. | n.a. | n.a. |
| Virginia..... | 3.1 | 0.9 | 1.4 | 0.8 | 33 | 388 | 0.7 |
| Washington..... | n.a. | 0.6 | 0.2 | (*) | n.a. | n.a. | n.a. |
| West Virginia..... | n.a. | 0.1 | (*) | 1.4 | n.a. | n.a. | n.a. |
| Wisconsin..... | 12.1 | 3.0 | 2.7 | 6.4 | 42 | 603 | 2.8 |
| Wyoming..... | n.a. | (D) | n.a. | n.a. | n.a. | n.a. | n.a. |

Table II-3.--NUMBER OF COMPANIES AND ESTABLISHMENTS LEATHER; STONE, CLAY, AND GLASS;
AND MISCELLANEOUS MANUFACTURING, BY FOUR-DIGIT INDUSTRY, 1963

| SIC code | Title | Number of companies | Number of establishments | |
|---------------------------------|---|---------------------------|--------------------------|-------------------------|
| | | | Total | 20 or more employees |
| LEATHER AND LEATHER PRODUCTS | | | | |
| 3111 | Leather Tanning and Finishing..... | 482 | 525 | 256 |
| 3121 | Industrial Leather Belting and Packing..... | 81 | 83 | 23 |
| 3131 | Footwear Cut Stock..... | 414 | 446 | 204 |
| 3141 | Footwear, Except Rubber..... | 784 | 1,040 | 815 |
| 3142 | House Slippers..... | 149 | 153 | 97 |
| 3151 | Leather Gloves..... | 160 | 166 | 87 |
| 3161 | Luggage..... | 377 | 379 | 145 |
| 3171 | Handbags and Purses..... | 539 | 545 | 262 |
| 3172 | Small Leather Goods..... | 325 | 340 | 117 |
| 3199 | Leather Goods, n.e.c..... | 365 | 370 | 67 |
| STONE, CLAY, AND GLASS PRODUCTS | | | | |
| 3211 | Flat Glass..... | 11 | 31 | 30 |
| 3221 | Glass Containers..... | 40 | 113 | 105 |
| 3229 | Pressed and Blown Glass, n.e.c..... | 75 | 107 | 95 |
| 3231 | Products of Purchased Glass..... | 1,016 | 1,044 | 249 |
| 3241 | Cement, Hydraulic..... | 55 | 188 | 179 |
| 3251 | Brick and Structural Tile..... | 401 | 512 | 400 |
| 3253 | Ceramic Wall and Floor Tile..... | 72 | 90 | 64 |
| 3255 | Clay Refractories..... | 80 | 150 | 109 |
| 3259 | Structural Clay Products, n.e.c..... | 126 | 164 | 108 |
| 3261 | Vitreous Plumbing Fixtures..... | 34 | 49 | 43 |
| 3262 | Vitreous China Food Utensils..... | 26 | 31 | 21 |
| 3263 | Earthenware Food Utensils..... | 20 | 21 | 18 |
| 3264 | Porcelain Electrical Supplies..... | 74 | 79 | 49 |
| 3269 | Pottery Products, n.e.c..... | 449 | 458 | 98 |
| 3271 | Concrete Block and Brick..... | 1,786 | 1,841 | 367 |
| 3272 | Concrete Products..... | 3,130 | 3,451 | 716 |
| 3273 | Ready-Mixed Concrete..... | 3,999 | 4,621 | 1,021 |
| 3274 | Lime..... | 81 | 125 | 68 |
| 3275 | Gypsum Products..... | 60 | 122 | 72 |
| 3281 | Cut Stone and Stone Products..... | 857 | 893 | 211 |
| 3291 | Abrasive Products..... | 340 | 378 | 149 |
| 3292 | Asbestos Products..... | 73 | 124 | 84 |
| 3293 | Gaskets and Insulations..... | 282 | 295 | 111 |
| 3295 | Minerals, Ground or Treated..... | 313 | 415 | 97 |
| 3296 | Mineral Wool..... | 89 | 123 | 67 |
| 3297 | Non-Clay Refractories..... | 51 | 93 | 68 |
| 3299 | Non-Metallic Minerals, n.e.c..... | 313 | 320 | 56 |
| MISCELLANEOUS MANUFACTURING | | | | |
| 3911 | Jewelry, Precious Metal..... | 1,428 | 1,438 | 218 |
| 3912 | Jewelers' Findings and Materials..... | 288 | 228 | 67 |
| 3913 | Lapidary Work..... | 318 | 318 | 15 |
| 3914 | Silverware and Plated Ware..... | 201 | 209 | 87 |
| 3931 | Musical Instruments and Parts..... | 288 | 320 | 126 |
| 3941 | Games and Toys..... | 767 | 797 | 351 |
| 3942 | Dolls..... | 404 | 410 | 160 |
| 3943 | Children's Vehicles..... | 60 | 64 | 31 |
| 3949 | Sporting and Athletic Goods, n.e.c..... | 1,361 | 1,419 | 345 |
| 3951 | Pens and Mechanical Pencils..... | 122 | 139 | 67 |
| 3952 | Lead Pencils and Art Goods..... | 140 | 144 | 57 |
| 3953 | Marking Devices..... | 581 | 616 | 90 |
| 3955 | Carbon Paper and Inked Ribbons..... | 91 | 102 | 52 |
| 3961 | Costume Jewelry..... | 910 | 912 | 204 |
| 3962 | Artificial Flowers..... | 367 | 384 | 70 |

Table II-3.--NUMBER OF COMPANIES AND ESTABLISHMENTS LEATHER; STONE, CLAY, AND GLASS;
AND MISCELLANEOUS MANUFACTURING, BY FOUR-DIGIT INDUSTRY, 1963--Con.

| SIC code | Title | Number of companies | Number of establishments | |
|-------------|-------------------------------------|---------------------------|--------------------------|-------------------------|
| | | | Total | 20 or more employees |
| | MISCELLANEOUS MANUFACTURING--Con. | | | |
| 3963 | Buttons..... | 282 | 290 | 69 |
| 3964 | Needles, Pins, and Fasteners..... | 314 | 343 | 149 |
| 3981 | Brooms and Brushes..... | 628 | 643 | 167 |
| 3982 | Hard Surface Floor Coverings..... | 13 | 16 | 13 |
| 3983 | Matches..... | 18 | 26 | 23 |
| 3984 | Candles..... | 108 | 111 | 32 |
| 3987 | Lamp Shades..... | 227 | 228 | 48 |
| 3988 | Morticians' Goods..... | 581 | 617 | 224 |
| 3992 | Furs, Dressed and Dyed..... | 130 | 132 | 26 |
| 3993 | Signs and Advertising Displays..... | 3,165 | 3,206 | 570 |
| 3995 | Umbrellas, Parasols and Canes..... | 109 | 112 | 35 |
| 3999 | Miscellaneous Products, n.e.c..... | 1,479 | 1,499 | 322 |

TABLE II.4-GENERAL STATISTICS AND RATIOS, LEATHER, STONE, CLAY, AND GLASS,
AND MISCELLANEOUS MANUFACTURING, BY 4-DIGIT INDUSTRY, 1958-1966

LEATHER AND LEATHER PRODUCTS

SIC 3111 LEATHER TANNING & FINISHING

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|----------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 37,130 | 165,545 | 32,466 | 63,376 | 133,183 | 275,796 | 743,124 | 7,905 |
| 1959 | 37,055 | 173,573 | 32,359 | 62,606 | 137,101 | 337,518 | 886,908 | 7,583 |
| 1960 | 34,539 | 163,864 | 29,955 | 57,600 | 128,901 | 278,536 | 790,724 | 6,145 |
| 1961 | 33,227 | 157,909 | 28,658 | 55,018 | 123,989 | 267,457 | 761,138 | 4,699 |
| 1962 | 31,659 | 157,237 | 27,300 | 53,333 | 123,107 | 263,599 | 765,942 | 7,154 |
| 1963 | 31,417 | 163,307 | 27,282 | 54,556 | 129,756 | 273,092 | 758,408 | 6,480 |
| 1964 | 31,206 | 169,015 | 27,126 | 54,643 | 131,455 | 300,183 | 783,572 | N.A. |
| 1965 | 31,973 | 179,984 | 27,874 | 56,852 | 138,963 | 327,024 | 856,670 | 11,276 |
| 1966 | 32,694 | 189,205 | 28,222 | 57,475 | 144,438 | 326,389 | 940,487 | 17,339 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 37.1 | 4,459 | 4,102 | 22,889 | 8,495 | 2.071 | 2.101 | 1,952 |
| 1959 | 38.1 | 4,684 | 4,237 | 27,408 | 10,430 | 2.462 | 2.190 | 1,935 |
| 1960 | 35.2 | 4,744 | 4,303 | 26,397 | 9,208 | 2.161 | 2.238 | 1,923 |
| 1961 | 35.1 | 4,752 | 4,327 | 26,559 | 9,333 | 2.157 | 2.254 | 1,920 |
| 1962 | 34.4 | 4,967 | 4,509 | 28,056 | 9,656 | 2.141 | 2.308 | 1,954 |
| 1963 | 36.0 | 5,198 | 4,756 | 27,799 | 10,010 | 2.105 | 2.378 | 2,000 |
| 1964 | 38.3 | 5,416 | 4,846 | 28,886 | 11,066 | 2.284 | 2.406 | 2,014 |
| 1965 | 38.2 | 5,629 | 4,985 | 30,734 | 11,732 | 2.353 | 2.444 | 2,040 |
| 1966 | 34.7 | 5,787 | 5,118 | 33,325 | 11,565 | 2.260 | 2.513 | 2,037 |

SIC 3121 INDUSTRIAL LEATHER BELTING & PACKING

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|----------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 3,975 | 18,689 | 2,769 | 5,371 | 11,506 | 36,300 | 66,560 | 1,233 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 1,932 |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 2,341 |
| 1961 | 4,735 | 21,033 | 3,623 | 5,477 | 12,012 | 43,860 | 66,528 | 1,461 |
| 1962 | 3,630 | 19,596 | 2,498 | 4,698 | 11,750 | 49,954 | 79,300 | 3,285 |
| 1963 | 2,870 | 15,897 | 2,099 | 4,198 | 9,723 | 32,915 | 51,869 | 742 |
| 1964 | 2,942 | 17,101 | 2,154 | 4,352 | 9,834 | 31,687 | 52,927 | N.A. |
| 1965 | 2,672 | 16,504 | 1,910 | 3,970 | 10,581 | 32,963 | 52,387 | 892 |
| 1966 | 2,624 | 16,019 | 1,892 | 3,955 | 10,146 | 33,773 | 53,132 | 634 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 54.5 | 4,702 | 4,155 | 24,038 | 13,109 | 3.155 | 2.142 | 1,940 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | 65.9 | 4,442 | 3,315 | 18,363 | 12,106 | 3.651 | 2.193 | 1,512 |
| 1962 | 63.0 | 5,398 | 4,704 | 31,745 | 19,998 | 4.251 | 2.501 | 1,881 |
| 1963 | 63.5 | 5,539 | 4,632 | 24,711 | 15,481 | 3.385 | 2.316 | 2,000 |
| 1964 | 59.9 | 5,613 | 4,565 | 24,571 | 14,711 | 3.222 | 2.260 | 2,020 |
| 1965 | 62.9 | 6,177 | 5,540 | 27,428 | 17,258 | 3.115 | 2.665 | 2,079 |
| 1966 | 63.6 | 6,105 | 5,680 | 28,082 | 17,850 | 3.143 | 2.717 | 2,090 |

SIC 3131 FOOTWEAR CUT STOCK

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|----------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 18,031 | 58,489 | 15,516 | 28,859 | 44,570 | 98,380 | 256,652 | 2,002 |
| 1959 | 20,312 | 68,258 | 17,890 | 33,397 | 53,919 | 116,941 | 296,895 | N.A. |
| 1960 | 20,066 | 68,797 | 17,624 | 33,452 | 54,006 | 113,198 | 288,025 | N.A. |
| 1961 | 19,730 | 66,718 | 17,312 | 32,328 | 52,972 | 111,956 | 272,512 | N.A. |
| 1962 | 17,398 | 61,144 | 15,291 | 29,266 | 48,815 | 111,564 | 261,524 | 856 |
| 1963 | 14,339 | 53,420 | 12,600 | 23,694 | 40,867 | 90,611 | 229,253 | 1,620 |
| 1964 | 13,819 | 52,732 | 12,082 | 23,296 | 37,436 | 97,353 | 223,797 | 1,208 |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | 14,453 | 65,233 | 12,442 | 24,199 | 47,283 | 104,433 | 282,825 | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 38.3 | 3,244 | 2,873 | 16,541 | 6,341 | 2.207 | 1.544 | 1,860 |
| 1959 | 39.4 | 3,360 | 3,014 | 16,596 | 6,537 | 2.169 | 1.614 | 1,867 |
| 1960 | 39.3 | 3,429 | 3,064 | 16,343 | 6,423 | 2.096 | 1.614 | 1,898 |
| 1961 | 41.1 | 3,382 | 3,060 | 15,741 | 6,467 | 2.113 | 1.639 | 1,867 |
| 1962 | 42.7 | 3,514 | 3,192 | 17,103 | 7,296 | 2.285 | 1.668 | 1,914 |
| 1963 | 39.5 | 3,726 | 3,243 | 18,195 | 7,191 | 2.217 | 1.725 | 1,880 |
| 1964 | 43.5 | 3,816 | 3,098 | 18,523 | 8,058 | 2.601 | 1.607 | 1,928 |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | 36.9 | 4,513 | 3,800 | 22,731 | 8,394 | 2.209 | 1.954 | 1,945 |

SIC 3141 FOOTWEAR, EXCEPT RUBBER

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 215,311 | 662,421 | 194,314 | 348,481 | 542,179 | 1,086,260 | 2,048,857 | 14,533 |
| 1959 | 219,666 | 717,004 | 198,888 | 366,285 | 588,812 | 1,185,045 | 2,279,564 | 13,787 |
| 1960 | 216,340 | 704,722 | 195,027 | 352,506 | 575,114 | 1,161,060 | 2,212,655 | 15,238 |
| 1961 | 216,436 | 718,323 | 195,216 | 352,123 | 584,839 | 1,177,848 | 2,233,110 | 21,279 |
| 1962 | 215,776 | 742,191 | 195,415 | 356,525 | 609,374 | 1,215,968 | 2,312,338 | 17,673 |
| 1963 | 201,728 | 713,577 | 182,901 | 334,969 | 589,369 | 1,214,740 | 2,249,167 | 18,470 |
| 1964 | 201,424 | 750,913 | 182,891 | 342,405 | 620,892 | 1,319,909 | 2,365,905 | 20,320 |
| 1965 | 205,350 | 780,844 | 186,317 | 346,375 | 639,309 | 1,343,338 | 2,461,289 | 21,842 |
| 1966 | 206,020 | 817,565 | 186,838 | 348,833 | 671,583 | 1,446,054 | 2,650,092 | 27,310 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 53.0 | 3,077 | 2,790 | 10,544 | 5,590 | 2.004 | 1,556 |
| 1959 | 52.0 | 3,264 | 2,961 | 11,462 | 5,958 | 2.013 | 1,608 |
| 1960 | 52.5 | 3,257 | 2,949 | 11,345 | 5,953 | 2.019 | 1,632 |
| 1961 | 52.7 | 3,319 | 2,996 | 11,439 | 6,034 | 2.014 | 1,661 |
| 1962 | 52.6 | 3,440 | 3,118 | 11,833 | 6,222 | 1.995 | 1,709 |
| 1963 | 54.0 | 3,537 | 3,222 | 12,297 | 6,642 | 2.061 | 1,759 |
| 1964 | 55.8 | 3,728 | 3,395 | 12,936 | 7,217 | 2.126 | 1,813 |
| 1965 | 54.6 | 3,803 | 3,431 | 13,210 | 7,210 | 2.101 | 1,846 |
| 1966 | 54.6 | 3,968 | 3,594 | 14,184 | 7,740 | 2.153 | 1,925 |

SIC 3142 HOUSE SLIPPERS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 11,520 | 37,057 | 10,168 | 18,046 | 28,291 | 59,656 | 112,145 | 590 |
| 1959 | 12,457 | 40,960 | 10,995 | 19,237 | 30,771 | 65,718 | 128,413 | N.A. |
| 1960 | 11,348 | 38,616 | 10,024 | 17,434 | 28,868 | 60,072 | 119,386 | N.A. |
| 1961 | 12,278 | 40,147 | 10,816 | 18,094 | 29,386 | 67,905 | 131,836 | 1,159 |
| 1962 | 12,015 | 42,365 | 10,626 | 18,392 | 31,460 | 67,678 | 133,668 | 1,120 |
| 1963 | 11,039 | 39,782 | 9,894 | 17,254 | 30,382 | 64,555 | 123,560 | 1,100 |
| 1964 | 12,146 | 45,096 | 10,817 | 19,244 | 34,596 | 72,525 | 137,743 | 1,306 |
| 1965 | 12,618 | 48,989 | 11,251 | 20,156 | 36,451 | 78,565 | 148,648 | 1,508 |
| 1966 | 13,686 | 53,114 | 11,732 | 21,883 | 39,422 | 86,768 | 161,961 | 1,433 |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 53.2 | 3,217 | 2,782 | 11,029 | 5,867 | 2.109 | 1,568 |
| 1959 | 51.2 | 3,288 | 2,799 | 11,679 | 5,977 | 2.136 | 1,600 |
| 1960 | 50.3 | 3,403 | 2,880 | 11,910 | 5,993 | 2.081 | 1,656 |
| 1961 | 51.5 | 3,270 | 2,717 | 12,189 | 6,278 | 2.311 | 1,624 |
| 1962 | 50.6 | 3,526 | 2,961 | 12,579 | 6,369 | 2.151 | 1,711 |
| 1963 | 52.2 | 3,604 | 3,071 | 12,488 | 6,525 | 2.125 | 1,761 |
| 1964 | 52.7 | 3,713 | 3,198 | 12,734 | 6,705 | 2.096 | 1,798 |
| 1965 | 52.9 | 3,882 | 3,240 | 13,212 | 6,983 | 2.155 | 1,808 |
| 1966 | 53.6 | 3,881 | 3,360 | 13,805 | 7,396 | 2.201 | 1,801 |

SIC 3151 LEATHER GLOVES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 6,212 | 15,999 | 5,503 | 9,214 | 12,705 | 25,999 | 54,155 | 263 |
| 1959 | 6,595 | 18,319 | 5,868 | 10,249 | 14,920 | 27,763 | 60,959 | N.A. |
| 1960 | 6,917 | 19,034 | 6,094 | 10,403 | 15,411 | 28,123 | 61,188 | N.A. |
| 1961 | 6,802 | 20,125 | 6,053 | 10,724 | 16,164 | 30,070 | 64,499 | N.A. |
| 1962 | 6,152 | 18,515 | 5,407 | 9,864 | 14,628 | 25,461 | 56,427 | N.A. |
| 1963 | 7,718 | 24,439 | 6,899 | 12,244 | 19,481 | 32,194 | 80,640 | 328 |
| 1964 | 6,929 | 23,434 | 6,212 | 11,208 | 18,738 | 38,003 | 83,787 | 246 |
| 1965 | 7,293 | 24,218 | 6,488 | 11,284 | 19,128 | 35,376 | 81,946 | N.A. |
| 1966 | 7,432 | 25,063 | 6,497 | 11,541 | 20,359 | 36,997 | 89,628 | N.A. |

| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 48.0 | 2,575 | 2,309 | 9,841 | 4,725 | 2.046 | 1,379 |
| 1959 | 45.5 | 2,778 | 2,543 | 10,388 | 4,731 | 1.861 | 1,456 |
| 1960 | 46.0 | 2,752 | 2,529 | 10,041 | 4,615 | 1.825 | 1,481 |
| 1961 | 46.6 | 2,959 | 2,670 | 10,656 | 4,968 | 1.860 | 1,507 |
| 1962 | 45.1 | 3,010 | 2,705 | 10,436 | 4,709 | 1.741 | 1,483 |
| 1963 | 39.9 | 3,166 | 2,824 | 11,689 | 4,666 | 1.653 | 1,591 |
| 1964 | 45.4 | 3,382 | 3,016 | 13,488 | 6,118 | 2.028 | 1,672 |
| 1965 | 43.2 | 3,321 | 2,948 | 12,630 | 5,453 | 1.849 | 1,695 |
| 1966 | 41.3 | 3,372 | 3,134 | 13,795 | 5,694 | 1.817 | 1,764 |

SIC 3161 LUGGAGE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 15,856 | 54,717 | 13,725 | 25,138 | 40,282 | 96,560 | 184,722 | 1,504 |
| 1959 | 16,817 | 57,934 | 14,604 | 27,366 | 43,370 | 101,564 | 193,519 | N.A. |
| 1960 | 18,030 | 60,968 | 15,494 | 28,560 | 45,056 | 107,529 | 200,969 | N.A. |
| 1961 | 15,915 | 56,955 | 13,637 | 25,609 | 43,238 | 97,855 | 186,152 | 1,705 |
| 1962 | 16,068 | 61,568 | 13,588 | 25,788 | 45,379 | 110,051 | 207,899 | 1,747 |
| 1963 | 16,409 | 62,853 | 14,134 | 26,340 | 46,715 | 112,796 | 210,303 | 1,908 |
| 1964 | 16,410 | 66,303 | 14,117 | 27,894 | 48,627 | 121,471 | 232,929 | 2,073 |
| 1965 | 18,398 | 74,054 | 15,789 | 29,137 | 53,830 | 132,067 | 261,627 | N.A. |
| 1966 | 19,641 | 82,856 | 16,991 | 31,858 | 60,090 | 143,718 | 275,817 | 4,872 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 52.3 | 3,451 | 2,935 | 13,459 | 7,035 | 2.397 | 1.602 | 1,832 |
| 1959 | 52.5 | 3,445 | 2,970 | 13,251 | 6,955 | 2.342 | 1.585 | 1,874 |
| 1960 | 53.5 | 3,381 | 2,908 | 12,971 | 6,940 | 2.387 | 1.578 | 1,843 |
| 1961 | 52.6 | 3,579 | 3,171 | 13,651 | 7,176 | 2.263 | 1.688 | 1,878 |
| 1962 | 52.9 | 3,832 | 3,340 | 15,300 | 8,099 | 2.425 | 1.760 | 1,898 |
| 1963 | 53.6 | 3,830 | 3,305 | 14,879 | 7,940 | 2.415 | 1.774 | 1,864 |
| 1964 | 52.1 | 4,040 | 3,445 | 16,500 | 8,605 | 2.498 | 1.743 | 1,976 |
| 1965 | 50.5 | 4,025 | 3,409 | 16,570 | 8,364 | 2.453 | 1.847 | 1,845 |
| 1966 | 52.1 | 4,219 | 3,537 | 16,233 | 8,458 | 2.392 | 1.886 | 1,875 |

SIC 3171 HANDBAGS & PURSES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 21,971 | 68,654 | 19,459 | 37,259 | 54,275 | 111,545 | 231,110 | 1,575 |
| 1959 | 23,914 | 73,244 | 21,164 | 40,050 | 57,447 | 122,469 | 257,796 | N.A. |
| 1960 | 23,224 | 74,023 | 20,702 | 39,025 | 58,607 | 127,687 | 258,436 | 1,064 |
| 1961 | 23,597 | 76,636 | 21,152 | 39,537 | 61,580 | 127,317 | 259,359 | 1,094 |
| 1962 | 24,020 | 81,237 | 21,678 | 41,282 | 66,555 | 134,100 | 263,444 | 1,310 |
| 1963 | 24,549 | 88,455 | 22,001 | 41,752 | 70,058 | 142,554 | 280,343 | 1,890 |
| 1964 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1965 | 22,906 | 86,062 | 20,109 | 38,676 | 69,674 | 137,253 | 270,998 | N.A. |
| 1966 | 22,661 | 90,534 | 20,121 | 40,143 | 70,568 | 149,464 | 291,894 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 48.3 | 3,125 | 2,789 | 11,877 | 5,732 | 2.055 | 1.457 | 1,915 |
| 1959 | 47.5 | 3,063 | 2,714 | 12,181 | 5,787 | 2.132 | 1.434 | 1,892 |
| 1960 | 49.4 | 3,187 | 2,831 | 12,484 | 6,168 | 2.179 | 1.502 | 1,885 |
| 1961 | 49.1 | 3,248 | 2,911 | 12,262 | 6,019 | 2.068 | 1.558 | 1,869 |
| 1962 | 50.9 | 3,382 | 3,070 | 12,153 | 6,186 | 2.015 | 1.612 | 1,904 |
| 1963 | 50.8 | 3,603 | 3,184 | 12,742 | 6,479 | 2.035 | 1.678 | 1,898 |
| 1964 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1965 | 50.6 | 3,757 | 3,415 | 13,476 | 6,825 | 1.999 | 1.776 | 1,923 |
| 1966 | 51.2 | 3,995 | 3,507 | 14,507 | 7,428 | 2.118 | 1.758 | 1,995 |

SIC 3172 SMALL LEATHER GOODS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 13,657 | 46,483 | 11,521 | 21,380 | 31,865 | 75,791 | 138,052 | 1,378 |
| 1959 | 15,140 | 52,009 | 12,703 | 23,741 | 35,330 | 82,256 | 153,437 | 2,843 |
| 1960 | 15,297 | 52,573 | 12,939 | 23,693 | 35,178 | 81,054 | 154,309 | 5,650 |
| 1961 | 13,400 | 47,977 | 11,362 | 21,159 | 32,502 | 80,972 | 144,631 | 1,330 |
| 1962 | 13,734 | 51,250 | 11,539 | 21,371 | 34,931 | 86,322 | 154,863 | 1,772 |
| 1963 | 12,432 | 47,352 | 10,320 | 19,580 | 32,077 | 82,385 | 159,013 | 1,262 |
| 1964 | 11,928 | 49,083 | 9,957 | 19,314 | 33,091 | 88,324 | 165,997 | N.A. |
| 1965 | 14,040 | 54,788 | 11,661 | 22,037 | 36,887 | 98,649 | 175,466 | 1,610 |
| 1966 | 15,578 | 62,623 | 13,097 | 24,366 | 42,739 | 105,037 | 195,836 | 2,227 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 54.9 | 3,404 | 2,766 | 11,983 | 6,579 | 2.379 | 1.490 | 1,856 |
| 1959 | 53.6 | 3,435 | 2,781 | 12,079 | 6,475 | 2.328 | 1.488 | 1,869 |
| 1960 | 52.5 | 3,437 | 2,719 | 11,926 | 6,264 | 2.304 | 1.485 | 1,831 |
| 1961 | 56.0 | 3,580 | 2,861 | 12,729 | 7,127 | 2.491 | 1.536 | 1,862 |
| 1962 | 55.7 | 3,732 | 3,027 | 13,421 | 7,481 | 2.471 | 1.635 | 1,852 |
| 1963 | 51.8 | 3,809 | 3,108 | 15,408 | 7,983 | 2.568 | 1.638 | 1,897 |
| 1964 | 53.2 | 4,115 | 3,323 | 16,671 | 8,871 | 2.669 | 1.713 | 1,940 |
| 1965 | 56.2 | 3,902 | 3,163 | 15,047 | 8,460 | 2.674 | 1.674 | 1,890 |
| 1966 | 53.6 | 4,020 | 3,263 | 14,953 | 8,020 | 2.458 | 1.754 | 1,860 |

SIC 3199 LEATHER GOODS NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 5,405 | 17,651 | 4,623 | 8,778 | 13,185 | 31,227 | 60,178 | 842 |
| 1959 | 5,736 | 19,193 | 4,905 | 9,330 | 14,038 | 34,034 | 64,478 | N.A. |
| 1960 | 5,217 | 18,549 | 4,340 | 9,653 | 13,572 | 34,344 | 66,364 | N.A. |
| 1961 | 4,560 | 18,654 | 3,835 | 7,881 | 12,884 | 35,546 | 66,511 | 705 |
| 1962 | 5,104 | 20,362 | 4,219 | 8,628 | 14,342 | 36,922 | 72,003 | 615 |
| 1963 | 4,989 | 18,742 | 4,209 | 8,507 | 13,668 | 32,730 | 67,058 | 766 |
| 1964 | 5,107 | 20,076 | 4,312 | 9,021 | 14,471 | 35,647 | 72,423 | N.A. |
| 1965 | 5,907 | 21,441 | 5,072 | 9,479 | 16,022 | 38,788 | 81,087 | N.A. |
| 1966 | 6,289 | 23,837 | 5,284 | 10,149 | 18,081 | 48,124 | 90,918 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 51.9 | 3,266 | 2,852 | 13,017 | 6,755 | 2,368 | 1,502 | 1,899 |
| 1959 | 52.8 | 3,346 | 2,862 | 13,145 | 6,939 | 2,424 | 1,505 | 1,902 |
| 1960 | 51.8 | 3,555 | 3,127 | 15,291 | 7,913 | 2,531 | 1,406 | 2,224 |
| 1961 | 53.4 | 4,091 | 3,360 | 17,343 | 9,269 | 2,759 | 1,635 | 2,055 |
| 1962 | 51.3 | 3,989 | 3,399 | 17,066 | 8,751 | 2,574 | 1,662 | 2,045 |
| 1963 | 48.8 | 3,757 | 3,247 | 15,932 | 7,776 | 2,395 | 1,607 | 2,021 |
| 1964 | 49.2 | 3,931 | 3,356 | 16,796 | 8,267 | 2,463 | 1,604 | 2,092 |
| 1965 | 47.8 | 3,630 | 3,159 | 15,987 | 7,647 | 2,421 | 1,690 | 1,869 |
| 1966 | 52.9 | 3,790 | 3,422 | 17,206 | 9,107 | 2,662 | 1,782 | 1,921 |

STONE, CLAY, AND GLASS PRODUCTS

SIC 3211 FLAT GLASS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 21,179 | 133,551 | 17,625 | 35,867 | 110,675 | 263,151 | 384,711 | 21,607 |
| 1959 | 27,280 | 180,616 | 23,841 | 46,962 | 155,998 | 400,516 | 557,431 | 18,866 |
| 1960 | 23,471 | 167,626 | 20,010 | 41,478 | 140,203 | 345,197 | 529,944 | 36,132 |
| 1961 | 21,159 | 146,221 | 17,938 | 35,493 | 120,681 | 284,585 | 448,483 | 39,013 |
| 1962 | 22,366 | 162,556 | 19,110 | 38,833 | 135,951 | 315,189 | 490,681 | 33,982 |
| 1963 | 22,815 | 172,214 | 19,440 | 39,704 | 143,752 | 364,466 | 549,390 | 28,244 |
| 1964 | 22,543 | 178,750 | 19,129 | 41,627 | 149,382 | 382,533 | 569,481 | 22,297 |
| 1965 | 25,292 | 205,270 | 21,538 | 45,488 | 171,712 | 461,682 | 676,481 | 40,585 |
| 1966 | 24,867 | 205,902 | 20,982 | 43,778 | 169,500 | 431,173 | 638,123 | 74,379 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 68.4 | 6,306 | 6,279 | 21,828 | 14,931 | 2,378 | 3,086 | 2,035 |
| 1959 | 71.9 | 6,621 | 6,543 | 23,381 | 16,799 | 2,567 | 3,322 | 1,970 |
| 1960 | 65.1 | 7,142 | 7,007 | 26,484 | 17,251 | 2,462 | 3,380 | 2,073 |
| 1961 | 63.5 | 6,911 | 6,728 | 25,002 | 15,865 | 2,358 | 3,400 | 1,979 |
| 1962 | 64.2 | 7,268 | 7,114 | 25,677 | 16,493 | 2,318 | 3,501 | 2,032 |
| 1963 | 66.3 | 7,548 | 7,395 | 28,261 | 18,748 | 2,535 | 3,621 | 2,042 |
| 1964 | 67.2 | 7,929 | 7,809 | 29,771 | 19,998 | 2,561 | 3,589 | 2,176 |
| 1965 | 68.2 | 8,116 | 7,973 | 31,409 | 21,436 | 2,689 | 3,775 | 2,112 |
| 1966 | 67.6 | 8,280 | 8,078 | 30,413 | 20,550 | 2,544 | 3,872 | 2,086 |

SIC 3221 GLASS CONTAINERS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 54,937 | 259,893 | 48,635 | 97,622 | 218,358 | 532,469 | 862,117 | 31,164 |
| 1959 | 56,240 | 271,948 | 50,109 | 98,796 | 228,872 | 561,292 | 915,611 | 32,898 |
| 1960 | 58,531 | 298,251 | 52,027 | 104,309 | 251,420 | 576,529 | 939,177 | 34,777 |
| 1961 | 60,152 | 314,480 | 53,653 | 106,566 | 265,058 | 601,248 | 967,405 | 68,930 |
| 1962 | 60,033 | 326,733 | 53,348 | 106,933 | 275,794 | 612,953 | 987,620 | 53,630 |
| 1963 | 59,987 | 327,956 | 53,476 | 107,055 | 278,691 | 629,608 | 1,004,464 | 53,805 |
| 1964 | 60,421 | 340,943 | 53,775 | 108,805 | 279,668 | 646,599 | 1,055,932 | 59,511 |
| 1965 | 61,535 | 358,310 | 54,796 | 109,039 | 303,389 | 679,446 | 1,091,811 | 72,282 |
| 1966 | 64,475 | 391,347 | 57,442 | 115,064 | 332,425 | 763,060 | 1,207,461 | 116,788 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 61.8 | 4,731 | 4,490 | 17,726 | 10,948 | 2,439 | 2,237 | 2,007 |
| 1959 | 61.3 | 4,835 | 4,567 | 18,272 | 11,201 | 2,452 | 2,317 | 1,972 |
| 1960 | 61.4 | 5,096 | 4,832 | 18,052 | 11,081 | 2,293 | 2,410 | 2,005 |
| 1961 | 62.2 | 5,228 | 4,940 | 18,031 | 11,206 | 2,268 | 2,487 | 1,986 |
| 1962 | 62.1 | 5,443 | 5,173 | 18,513 | 11,490 | 2,221 | 2,581 | 2,004 |
| 1963 | 62.7 | 5,467 | 5,212 | 18,703 | 11,774 | 2,259 | 2,603 | 2,002 |
| 1964 | 61.2 | 5,643 | 5,201 | 19,636 | 12,024 | 2,312 | 2,570 | 2,023 |
| 1965 | 62.2 | 5,823 | 5,537 | 19,925 | 12,400 | 2,240 | 2,782 | 1,990 |
| 1966 | 63.2 | 6,070 | 5,787 | 21,021 | 13,284 | 2,295 | 2,889 | 2,003 |

SIC 3229 PRESSED & BLOWN GLASS, NEC

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS | WAGES (\$1,000) | | | |
| 1958 | 35,358 | 161,296 | 30,473 | 58,974 | 131,851 | 312,342 | 445,361 | 19,387 |
| 1959 | 37,972 | 184,001 | 33,361 | 65,771 | 152,257 | 398,648 | 547,473 | 33,827 |
| 1960 | 37,078 | 181,817 | 34,252 | 67,545 | 162,064 | 408,843 | 568,917 | 41,816 |
| 1961 | 37,443 | 190,388 | 32,380 | 62,730 | 153,794 | 425,338 | 584,751 | 27,554 |
| 1962 | 38,137 | 199,651 | 33,117 | 64,718 | 161,151 | 448,081 | 619,471 | 24,420 |
| 1963 | 37,999 | 207,292 | 33,057 | 64,855 | 167,921 | 472,212 | 630,945 | 22,664 |
| 1964 | 38,386 | 216,473 | 32,737 | 65,886 | 175,749 | 529,839 | 730,970 | 38,826 |
| 1965 | 39,797 | 232,357 | 34,655 | 68,679 | 191,078 | 569,232 | 787,712 | 54,669 |
| 1966 | 43,232 | 266,542 | 34,917 | 76,307 | 222,197 | 708,652 | 926,603 | 92,511 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 70.1 | 4,562 | 4,327 | 14,615 | 10,250 | 2,369 | 2,236 | 1,935 |
| 1959 | 72.8 | 4,846 | 4,564 | 16,411 | 11,950 | 2,618 | 2,315 | 1,971 |
| 1960 | 71.9 | 4,904 | 4,732 | 16,610 | 11,936 | 2,523 | 2,399 | 1,972 |
| 1961 | 72.7 | 5,085 | 4,750 | 18,059 | 13,136 | 2,766 | 2,452 | 1,937 |
| 1962 | 72.3 | 5,235 | 4,866 | 18,706 | 13,530 | 2,781 | 2,490 | 1,954 |
| 1963 | 74.8 | 5,455 | 5,080 | 19,087 | 14,285 | 2,812 | 2,589 | 1,962 |
| 1964 | 72.5 | 5,639 | 5,369 | 22,329 | 16,185 | 3,015 | 2,667 | 2,013 |
| 1965 | 72.3 | 5,839 | 5,514 | 22,730 | 16,426 | 2,979 | 2,782 | 1,982 |
| 1966 | 76.5 | 6,165 | 5,566 | 23,213 | 17,753 | 3,189 | 2,912 | 1,912 |

SIC 3231 PRODUCTS OF PURCHASED GLASS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS | WAGES (\$1,000) | | | |
| 1958 | 24,024 | 109,570 | 19,737 | 38,124 | 83,125 | 242,657 | 468,809 | 16,526 |
| 1959 | 28,628 | 135,345 | 24,426 | 46,839 | 105,305 | 311,143 | 581,079 | 20,201 |
| 1960 | 27,965 | 131,848 | 23,203 | 44,780 | 100,658 | 314,357 | 557,811 | 13,629 |
| 1961 | 26,967 | 127,677 | 22,184 | 43,095 | 95,097 | 286,896 | 520,569 | 7,404 |
| 1962 | 27,710 | 138,130 | 22,914 | 44,948 | 103,532 | 301,483 | 562,101 | 16,482 |
| 1963 | 26,158 | 138,275 | 21,669 | 43,384 | 103,890 | 309,734 | 627,327 | 13,223 |
| 1964 | 26,575 | 150,043 | 21,960 | 44,267 | 111,465 | 323,334 | 644,108 | 40,833 |
| 1965 | 28,710 | 164,302 | 23,794 | 47,552 | 122,568 | 369,888 | 722,009 | 19,487 |
| 1966 | 29,582 | 179,932 | 24,401 | 48,929 | 131,657 | 376,118 | 754,134 | 42,786 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 51.8 | 4,561 | 4,212 | 23,753 | 12,295 | 2,919 | 2,180 | 1,932 |
| 1959 | 53.5 | 4,728 | 4,311 | 23,789 | 12,738 | 2,955 | 2,248 | 1,918 |
| 1960 | 56.4 | 4,715 | 4,338 | 24,040 | 13,548 | 3,123 | 2,248 | 1,930 |
| 1961 | 55.1 | 4,735 | 4,287 | 23,466 | 12,933 | 3,017 | 2,207 | 1,943 |
| 1962 | 53.6 | 4,985 | 4,518 | 24,531 | 13,157 | 2,912 | 2,303 | 1,962 |
| 1963 | 49.4 | 5,286 | 4,794 | 28,950 | 14,294 | 2,981 | 2,395 | 2,002 |
| 1964 | 50.2 | 5,646 | 5,076 | 29,331 | 14,724 | 2,901 | 2,518 | 2,016 |
| 1965 | 51.2 | 5,723 | 5,151 | 30,344 | 15,545 | 3,018 | 2,578 | 1,998 |
| 1966 | 49.9 | 6,082 | 5,396 | 30,906 | 15,414 | 2,857 | 2,691 | 2,005 |

SIC 3241 CEMENT, HYDRAULIC

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|-------------------------------------|---------------------------|----------------------------------|---|--|--------------------------------------|---|--|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS | WAGES (\$1,000) | | | |
| 1958 | 41,127 | 214,221 | 34,780 | 69,481 | 170,156 | 724,771 | 1,073,494 | 113,095 |
| 1959 | 41,129 | 229,757 | 35,036 | 71,213 | 183,033 | 815,132 | 1,190,995 | 119,436 |
| 1960 | 39,357 | 227,919 | 33,249 | 66,728 | 180,198 | 760,817 | 1,112,330 | 114,350 |
| 1961 | 36,388 | 218,107 | 30,533 | 60,519 | 170,553 | 752,877 | 1,107,872 | 100,223 |
| 1962 | 35,520 | 220,948 | 29,698 | 59,072 | 171,076 | 771,830 | 1,131,071 | 96,735 |
| 1963 | 34,863 | 227,385 | 28,719 | 57,579 | 173,891 | 785,681 | 1,176,913 | 120,843 |
| 1964 | 34,654 | 233,594 | 27,984 | 57,009 | 176,916 | 804,971 | 1,198,867 | 93,937 |
| 1965 | 34,550 | 243,596 | 27,917 | 55,857 | 181,470 | 840,378 | 1,250,821 | 117,450 |
| 1966 | 33,558 | 244,303 | 26,926 | 54,727 | 186,067 | 839,322 | 1,253,424 | 94,823 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 67.5 | 5,209 | 4,892 | 30,865 | 20,839 | 4,259 | 2,449 | 1,998 |
| 1959 | 68.4 | 5,586 | 5,224 | 33,993 | 23,266 | 4,453 | 2,570 | 2,033 |
| 1960 | 68.4 | 5,791 | 5,420 | 33,455 | 22,882 | 4,222 | 2,700 | 2,007 |
| 1961 | 68.0 | 5,994 | 5,586 | 36,284 | 24,658 | 4,414 | 2,818 | 1,982 |
| 1962 | 68.2 | 6,220 | 5,761 | 38,086 | 25,989 | 4,512 | 2,896 | 1,989 |
| 1963 | 66.8 | 6,522 | 6,055 | 40,980 | 27,358 | 4,518 | 3,020 | 2,005 |
| 1964 | 67.1 | 6,741 | 6,322 | 42,841 | 28,765 | 4,550 | 3,103 | 2,037 |
| 1965 | 67.2 | 7,051 | 6,500 | 44,805 | 30,103 | 4,631 | 3,249 | 2,001 |
| 1966 | 67.0 | 7,280 | 6,910 | 46,551 | 31,171 | 4,511 | 3,400 | 2,032 |

SIC 3251 BRICK & STRUCTURAL TILE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 31,087 | 122,868 | 26,955 | 55,316 | 97,196 | 196,890 | 286,709 | 14,023 |
| 1959 | 34,116 | 135,916 | 29,768 | 61,330 | 108,467 | 226,128 | 342,547 | 19,953 |
| 1960 | 34,158 | 135,412 | 29,468 | 59,144 | 107,315 | 214,943 | 359,666 | 13,832 |
| 1961 | 33,977 | 136,154 | 29,666 | 59,487 | 108,252 | 225,153 | 370,490 | 19,878 |
| 1962 | 33,104 | 139,467 | 28,799 | 58,940 | 110,129 | 237,969 | 400,232 | 15,670 |
| 1963 | 28,620 | 130,378 | 24,665 | 51,237 | 102,597 | 216,548 | 325,093 | 19,344 |
| 1964 | 29,211 | 134,813 | 25,012 | 52,796 | 105,690 | 258,382 | 365,871 | 19,347 |
| 1965 | 29,863 | 145,050 | 25,732 | 53,202 | 113,831 | 264,324 | 384,659 | 26,398 |
| 1966 | 29,433 | 149,264 | 25,275 | 53,136 | 117,308 | 274,900 | 386,781 | 25,453 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 68.7 | 3,952 | 3,606 | 10,637 | 7,304 | 2.026 | 1.757 | 2,052 |
| 1959 | 66.0 | 3,984 | 3,644 | 11,507 | 7,596 | 2.085 | 1.769 | 2,060 |
| 1960 | 59.8 | 3,964 | 3,642 | 12,205 | 7,294 | 2.003 | 1.814 | 2,007 |
| 1961 | 60.8 | 4,007 | 3,649 | 12,489 | 7,590 | 2.080 | 1.820 | 2,005 |
| 1962 | 59.5 | 4,213 | 3,824 | 13,897 | 8,263 | 2.161 | 1.868 | 2,047 |
| 1963 | 66.6 | 4,555 | 4,160 | 13,180 | 8,780 | 2.111 | 2.002 | 2,077 |
| 1964 | 70.6 | 4,615 | 4,226 | 14,628 | 10,330 | 2.445 | 2.002 | 2,111 |
| 1965 | 68.7 | 4,857 | 4,424 | 14,949 | 10,272 | 2.322 | 2.140 | 2,068 |
| 1966 | 71.1 | 5,071 | 4,641 | 15,303 | 10,876 | 2.343 | 2.208 | 2,102 |

SIC 3253 CERAMIC WALL & FLOOR TILE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 13,068 | 53,738 | 10,889 | 21,768 | 41,494 | 92,779 | 135,470 | 3,276 |
| 1959 | 14,372 | 63,756 | 11,659 | 24,031 | 47,432 | 112,618 | 163,498 | 8,535 |
| 1960 | 13,765 | 61,311 | 11,095 | 22,966 | 43,852 | 106,939 | 157,600 | 5,558 |
| 1961 | 12,575 | 57,595 | 10,033 | 20,198 | 39,440 | 101,627 | 153,678 | 3,788 |
| 1962 | 13,250 | 62,811 | 10,702 | 22,020 | 44,372 | 120,222 | 173,436 | 5,356 |
| 1963 | 12,795 | 63,745 | 10,409 | 21,002 | 43,794 | 110,571 | 164,668 | 9,070 |
| 1964 | 13,069 | 66,433 | 10,434 | 21,606 | 46,190 | 117,044 | 175,352 | 7,092 |
| 1965 | 12,576 | 65,589 | 10,201 | 20,946 | 46,479 | 113,606 | 172,955 | 12,794 |
| 1966 | 11,618 | 63,510 | 9,426 | 19,612 | 45,829 | 105,407 | 162,053 | 8,234 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 68.5 | 4,112 | 3,811 | 12,441 | 8,520 | 2.236 | 1.906 | 1,999 |
| 1959 | 68.9 | 4,436 | 4,068 | 14,023 | 9,659 | 2.374 | 1.974 | 2,061 |
| 1960 | 67.9 | 4,454 | 3,952 | 14,205 | 9,638 | 2.439 | 1.909 | 2,070 |
| 1961 | 66.1 | 4,580 | 3,931 | 15,317 | 10,129 | 2.577 | 1.953 | 2,013 |
| 1962 | 69.3 | 4,740 | 4,146 | 16,206 | 11,234 | 2.709 | 2.015 | 2,058 |
| 1963 | 67.1 | 4,982 | 4,207 | 15,820 | 10,623 | 2.525 | 2.085 | 2,018 |
| 1964 | 66.7 | 5,083 | 4,427 | 16,806 | 11,218 | 2.534 | 2.138 | 2,071 |
| 1965 | 65.7 | 5,215 | 4,556 | 16,955 | 11,137 | 2.444 | 2.219 | 2,053 |
| 1966 | 65.0 | 5,467 | 4,862 | 17,192 | 11,183 | 2.300 | 2.337 | 2,081 |

SIC 3255 CLAY REFRACTORIES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 12,394 | 59,816 | 10,110 | 18,581 | 44,920 | 104,898 | 163,478 | 10,804 |
| 1959 | 13,611 | 69,867 | 11,825 | 21,237 | 52,958 | 123,013 | 193,169 | 9,902 |
| 1960 | 13,884 | 70,988 | 12,128 | 21,232 | 54,481 | 118,790 | 193,084 | 8,548 |
| 1961 | 12,871 | 68,471 | 11,149 | 19,449 | 51,495 | 113,106 | 189,738 | 6,517 |
| 1962 | 12,019 | 67,053 | 10,324 | 18,057 | 49,324 | 114,578 | 189,274 | 8,100 |
| 1963 | 11,431 | 64,822 | 9,402 | 18,139 | 49,648 | 118,248 | 192,230 | 7,936 |
| 1964 | 11,625 | 70,648 | 9,456 | 18,751 | 52,762 | 135,036 | 220,786 | 8,632 |
| 1965 | 12,637 | 77,593 | 10,444 | 20,706 | 58,514 | 140,577 | 243,294 | 11,539 |
| 1966 | 13,423 | 85,396 | 10,954 | 21,369 | 63,266 | 158,718 | 267,122 | 21,860 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 64.2 | 4,826 | 4,443 | 16,170 | 10,376 | 2.335 | 2.418 | 1,838 |
| 1959 | 63.7 | 5,133 | 4,478 | 16,336 | 10,403 | 2.323 | 2.494 | 1,796 |
| 1960 | 61.5 | 5,113 | 4,492 | 15,921 | 9,795 | 2.180 | 2.565 | 1,751 |
| 1961 | 59.6 | 5,320 | 4,619 | 17,018 | 10,145 | 2.196 | 2.648 | 1,744 |
| 1962 | 60.5 | 5,579 | 4,778 | 18,333 | 11,098 | 2.323 | 2.732 | 1,749 |
| 1963 | 61.5 | 5,671 | 5,281 | 20,446 | 12,577 | 2.382 | 2.737 | 1,929 |
| 1964 | 61.2 | 6,077 | 5,580 | 23,349 | 14,280 | 2.559 | 2.814 | 1,983 |
| 1965 | 57.8 | 6,140 | 5,603 | 23,295 | 13,460 | 2.402 | 2.826 | 1,983 |
| 1966 | 59.4 | 6,362 | 5,776 | 24,386 | 14,490 | 2.509 | 2.961 | 1,951 |

SIC 3259 STRUCTURAL CLAY PRODUCTS, NEC

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|----------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 13,756 | 56,454 | 11,795 | 22,185 | 44,582 | 95,881 | 134,928 | 6,759 |
| 1959 | 13,875 | 62,172 | 11,745 | 23,427 | 48,905 | 107,689 | 152,634 | 6,755 |
| 1960 | 13,443 | 64,635 | 11,585 | 23,042 | 49,912 | 108,752 | 149,739 | 11,448 |
| 1961 | 13,058 | 62,901 | 11,286 | 22,909 | 49,804 | 107,411 | 150,080 | 8,229 |
| 1962 | 12,235 | 63,028 | 10,523 | 20,929 | 49,630 | 104,944 | 153,868 | N.A. |
| 1963 | 12,188 | 61,977 | 10,364 | 21,142 | 48,727 | 108,442 | 159,724 | 5,842 |
| 1964 | 11,323 | 61,288 | 9,394 | 20,512 | 47,722 | 112,711 | 168,667 | 6,567 |
| 1965 | 11,754 | 62,096 | 9,964 | 20,222 | 49,084 | 109,284 | 167,024 | 8,491 |
| 1966 | 10,945 | 58,001 | 9,222 | 18,561 | 45,287 | 102,760 | 155,700 | 5,926 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 71.1 | 4,104 | 3,780 | 11,439 | 8,129 | 2.151 | 2.010 | 1,881 |
| 1959 | 70.6 | 4,481 | 4,164 | 12,996 | 9,169 | 2.202 | 2.088 | 1,995 |
| 1960 | 72.6 | 4,808 | 4,308 | 12,925 | 9,387 | 2.179 | 2.166 | 1,989 |
| 1961 | 71.6 | 4,817 | 4,413 | 13,298 | 9,517 | 2.157 | 2.174 | 2,030 |
| 1962 | 68.2 | 5,151 | 4,716 | 14,622 | 9,973 | 2.115 | 2.371 | 1,989 |
| 1963 | 67.9 | 5,085 | 4,702 | 15,411 | 10,463 | 2.226 | 2.305 | 2,040 |
| 1964 | 66.8 | 5,413 | 5,080 | 17,955 | 11,998 | 2.362 | 2.327 | 2,184 |
| 1965 | 65.4 | 5,283 | 4,926 | 16,763 | 10,968 | 2.226 | 2.427 | 2,030 |
| 1966 | 66.0 | 5,299 | 4,911 | 16,884 | 11,143 | 2.269 | 2.440 | 2,013 |

SIC 3261 VITREOUS PLUMBING FIXTURES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|----------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 9,677 | 49,568 | 8,111 | 15,638 | 39,580 | 87,293 | 142,683 | 1,613 |
| 1959 | 10,919 | 58,820 | 9,376 | 18,556 | 48,219 | 112,780 | 175,530 | 1,831 |
| 1960 | 10,308 | 56,050 | 8,743 | 16,988 | 45,042 | 100,615 | 153,726 | 3,179 |
| 1961 | 8,945 | 49,339 | 7,457 | 14,133 | 39,277 | 85,808 | 135,382 | 3,222 |
| 1962 | 8,812 | 51,529 | 7,354 | 14,309 | 40,955 | 88,054 | 141,451 | 1,572 |
| 1963 | 9,280 | 56,794 | 7,893 | 15,519 | 46,588 | 101,502 | 155,658 | 2,442 |
| 1964 | 9,054 | 57,281 | 7,637 | 15,174 | 46,665 | 110,091 | 166,094 | 3,068 |
| 1965 | 8,952 | 56,025 | 7,534 | 14,644 | 45,215 | 111,958 | 173,590 | 2,963 |
| 1966 | 9,167 | 60,022 | 7,635 | 15,191 | 48,167 | 117,849 | 180,683 | 5,237 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 61.2 | 5,122 | 4,880 | 17,591 | 10,762 | 2.205 | 2.531 | 1,928 |
| 1959 | 64.3 | 5,387 | 5,143 | 18,721 | 12,029 | 2.339 | 2.599 | 1,979 |
| 1960 | 65.5 | 5,438 | 5,152 | 17,583 | 11,508 | 2.234 | 2.651 | 1,943 |
| 1961 | 63.4 | 5,516 | 5,267 | 18,155 | 11,507 | 2.185 | 2.779 | 1,895 |
| 1962 | 62.3 | 5,848 | 5,569 | 19,235 | 11,974 | 2.150 | 2.862 | 1,946 |
| 1963 | 65.2 | 6,120 | 5,902 | 19,721 | 12,860 | 2.179 | 3.002 | 1,966 |
| 1964 | 66.3 | 6,327 | 6,110 | 21,749 | 14,415 | 2.359 | 3.075 | 1,987 |
| 1965 | 64.5 | 6,258 | 6,001 | 23,041 | 14,860 | 2.476 | 3.088 | 1,944 |
| 1966 | 65.2 | 6,548 | 6,309 | 23,665 | 15,435 | 2.447 | 3.171 | 1,990 |

SIC 3262 VITREOUS CHINA FOOD UTENSILS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|----------------------|--------|----------------------|--------------------|-----------------------------|---------------------------------|--------------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 7,248 | 28,573 | 6,002 | 10,946 | 20,508 | 39,285 | 47,695 | 906 |
| 1959 | 7,219 | 30,367 | 6,103 | 11,633 | 22,633 | 42,735 | 51,792 | 1,059 |
| 1960 | 7,052 | 30,034 | 5,876 | 10,950 | 21,645 | 42,588 | 51,468 | 782 |
| 1961 | 6,512 | 27,905 | 5,404 | 10,088 | 20,174 | 40,236 | 49,153 | 631 |
| 1962 | 6,691 | 29,631 | 5,515 | 10,611 | 21,572 | 43,785 | 52,205 | 1,069 |
| 1963 | 6,314 | 29,552 | 5,288 | 9,817 | 21,773 | 42,504 | 50,954 | 724 |
| 1964 | 6,404 | 31,376 | 5,338 | 10,075 | 23,039 | 45,235 | 54,726 | 635 |
| 1965 | 6,505 | 32,425 | 5,535 | 10,488 | 24,189 | 47,896 | 57,177 | 2,976 |
| 1966 | 6,572 | 33,547 | 5,560 | 10,514 | 24,889 | 50,123 | 59,994 | 1,343 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 82.4 | 3,942 | 3,417 | 7,947 | 6,545 | 1.916 | 1.874 | 1,824 |
| 1959 | 82.5 | 4,207 | 3,709 | 8,486 | 7,002 | 1.888 | 1.946 | 1,906 |
| 1960 | 82.7 | 4,259 | 3,684 | 8,759 | 7,248 | 1.968 | 1.977 | 1,864 |
| 1961 | 81.9 | 4,285 | 3,733 | 9,096 | 7,446 | 1.994 | 2.000 | 1,867 |
| 1962 | 83.9 | 4,428 | 3,912 | 9,466 | 7,939 | 2.030 | 2.033 | 1,924 |
| 1963 | 83.4 | 4,680 | 4,117 | 9,636 | 8,038 | 1.952 | 2.218 | 1,856 |
| 1964 | 82.7 | 4,899 | 4,316 | 10,252 | 8,474 | 1.963 | 2.287 | 1,887 |
| 1965 | 83.8 | 4,985 | 4,370 | 10,330 | 8,653 | 1.980 | 2.306 | 1,895 |
| 1966 | 83.5 | 5,105 | 4,476 | 10,790 | 9,015 | 2.014 | 2.367 | 1,891 |

SIC 3263 EARTHENWARE FOOD UTENSILS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 8,718 | 28,749 | 7,969 | 12,645 | 24,756 | 36,311 | 50,230 | 586 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 499 |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 7,349 | 31,614 | 6,594 | 12,319 | 26,416 | 41,046 | 59,046 | 797 |
| 1964 | 7,475 | 32,303 | 6,717 | 12,506 | 26,769 | 44,454 | 62,242 | 1,071 |
| 1965 | 6,447 | 28,228 | 5,753 | 10,689 | 22,931 | 37,235 | 52,334 | 865 |
| 1966 | 6,267 | 27,356 | 5,626 | 10,187 | 22,211 | 34,067 | 47,599 | 1,026 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 72.3 | 3,298 | 3,107 | 6,303 | 4,557 | 1.467 | 1.958 | 1,587 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 69.5 | 4,302 | 4,006 | 8,955 | 6,225 | 1.554 | 2.144 | 1,868 |
| 1964 | 71.4 | 4,321 | 3,985 | 9,266 | 6,618 | 1.661 | 2.140 | 1,862 |
| 1965 | 71.1 | 4,378 | 3,986 | 9,097 | 6,472 | 1.624 | 2.145 | 1,858 |
| 1966 | 71.6 | 4,365 | 3,948 | 8,461 | 6,055 | 1.534 | 2.180 | 1,811 |

SIC 3264 PORCELAIN ELECTRICAL SUPPLIES

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|---------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) | |
| 1958 | 9,107 | 42,362 | 7,489 | 14,741 | 31,342 | 66,074 | 97,475 | 4,390 | |
| 1959 | 9,605 | 46,502 | 7,994 | 16,096 | 35,093 | 76,695 | 109,864 | 3,508 | |
| 1960 | 9,376 | 47,211 | 7,641 | 15,237 | 35,440 | 75,931 | 111,384 | 4,130 | |
| 1961 | 9,656 | 50,563 | 7,675 | 15,070 | 36,447 | 77,384 | 115,264 | 5,159 | |
| 1962 | 10,137 | 53,782 | 8,032 | 15,625 | 38,809 | 83,898 | 122,765 | 4,696 | |
| 1963 | 10,170 | 57,401 | 8,028 | 15,917 | 41,120 | 90,001 | 131,790 | 4,142 | |
| 1964 | 9,916 | 59,412 | 7,980 | 16,274 | 43,219 | 94,631 | 138,958 | 7,584 | |
| 1965 | 10,744 | 65,957 | 8,800 | 17,977 | 49,519 | 114,020 | 165,887 | 7,660 | |
| 1966 | 12,092 | 76,047 | 9,971 | 20,256 | 57,668 | 139,051 | 197,070 | 11,419 | |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER | |
| 1958 | 67.8 | 4,652 | 4,185 | 13,016 | 8,823 | 2.108 | 2.126 | 1,968 | |
| 1959 | 69.8 | 4,841 | 4,390 | 13,743 | 9,594 | 2.185 | 2.180 | 2,014 | |
| 1960 | 68.2 | 5,035 | 4,638 | 14,577 | 9,937 | 2.143 | 2.326 | 1,994 | |
| 1961 | 67.1 | 5,236 | 4,749 | 15,018 | 10,083 | 2.123 | 2.419 | 1,964 | |
| 1962 | 68.3 | 5,306 | 4,832 | 15,284 | 10,445 | 2.162 | 2.484 | 1,945 | |
| 1963 | 68.3 | 5,644 | 5,122 | 16,416 | 11,211 | 2.189 | 2.583 | 1,983 | |
| 1964 | 68.1 | 5,992 | 5,416 | 17,413 | 11,859 | 2.190 | 2.656 | 2,039 | |
| 1965 | 68.7 | 6,139 | 5,627 | 18,851 | 12,957 | 2.303 | 2.755 | 2,043 | |
| 1966 | 70.6 | 6,289 | 5,784 | 19,764 | 13,946 | 2.411 | 2.847 | 2,031 | |

SIC 3269 POTTERY PRODUCTS, NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 9,250 | 31,218 | 7,745 | 15,155 | 23,778 | 54,046 | 78,800 | 3,275 |
| 1959 | 10,404 | 34,801 | 8,723 | 16,650 | 26,608 | 57,735 | 87,295 | 2,397 |
| 1960 | 9,683 | 34,979 | 8,339 | 15,978 | 26,730 | 57,323 | 88,798 | 2,813 |
| 1961 | 9,003 | 33,829 | 7,651 | 14,743 | 25,630 | 55,788 | 89,642 | 3,287 |
| 1962 | 9,799 | 38,018 | 8,372 | 15,341 | 28,481 | 59,795 | 96,211 | 1,323 |
| 1963 | 9,085 | 37,508 | 7,539 | 14,920 | 27,805 | 62,107 | 95,541 | 3,064 |
| 1964 | 8,929 | 39,770 | 7,186 | 15,253 | 28,924 | 67,428 | 101,120 | N.A. |
| 1965 | 9,117 | 38,830 | 7,716 | 15,814 | 28,833 | 65,151 | 99,022 | 2,645 |
| 1966 | 9,204 | 41,645 | 7,757 | 16,072 | 30,893 | 73,278 | 110,292 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 68.6 | 3,375 | 3,070 | 10,174 | 6,978 | 2.273 | 1.569 | 1,957 |
| 1959 | 66.1 | 3,345 | 3,050 | 10,007 | 6,619 | 2.170 | 1.598 | 1,909 |
| 1960 | 64.6 | 3,612 | 3,205 | 10,649 | 6,874 | 2.145 | 1.673 | 1,916 |
| 1961 | 62.2 | 3,758 | 3,350 | 11,716 | 7,292 | 2.177 | 1.738 | 1,927 |
| 1962 | 62.1 | 3,880 | 3,402 | 11,492 | 7,142 | 2.099 | 1.857 | 1,832 |
| 1963 | 65.0 | 4,129 | 3,688 | 12,673 | 8,238 | 2.234 | 1.864 | 1,979 |
| 1964 | 66.7 | 4,454 | 4,025 | 14,072 | 9,383 | 2.331 | 1.896 | 2,123 |
| 1965 | 65.8 | 4,259 | 3,737 | 12,833 | 8,444 | 2.260 | 1.823 | 2,050 |
| 1966 | 66.4 | 4,525 | 3,983 | 14,218 | 9,447 | 2.372 | 1.922 | 2,072 |

SIC 3271 CONCRETE BLOCK & BRICK

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 22,766 | 98,103 | 16,404 | 32,933 | 61,292 | 190,355 | 413,670 | 22,790 |
| 1959 | 23,517 | 106,124 | 17,381 | 37,386 | 66,368 | 221,416 | 458,782 | 22,921 |
| 1960 | 23,906 | 111,787 | 17,574 | 38,120 | 68,139 | 212,391 | 457,423 | 24,757 |
| 1961 | 23,201 | 110,571 | 16,957 | 37,749 | 67,047 | 214,388 | 460,687 | 21,171 |
| 1962 | 22,282 | 110,662 | 16,234 | 37,437 | 67,431 | 215,265 | 459,135 | 20,512 |
| 1963 | 23,759 | 119,543 | 16,702 | 36,081 | 72,748 | 245,525 | 505,194 | 31,143 |
| 1964 | 23,498 | 120,985 | 16,167 | 36,349 | 73,442 | 258,506 | 529,974 | 24,289 |
| 1965 | 24,744 | 133,817 | 17,474 | 37,546 | 80,280 | 284,835 | 578,429 | 27,959 |
| 1966 | 24,437 | 137,683 | 17,037 | 35,700 | 82,541 | 296,661 | 585,940 | 33,262 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 46.0 | 4,309 | 3,736 | 25,218 | 11,604 | 3.106 | 1.861 | 2,008 |
| 1959 | 48.3 | 4,513 | 3,818 | 26,396 | 12,739 | 3.336 | 1.775 | 2,151 |
| 1960 | 46.4 | 4,676 | 3,877 | 26,028 | 12,086 | 3.117 | 1.787 | 2,169 |
| 1961 | 46.5 | 4,766 | 3,954 | 27,168 | 12,643 | 3.198 | 1.776 | 2,226 |
| 1962 | 46.9 | 4,966 | 4,154 | 28,282 | 13,260 | 3.192 | 1.801 | 2,306 |
| 1963 | 48.6 | 5,031 | 4,356 | 30,248 | 14,700 | 3.375 | 2.016 | 2,160 |
| 1964 | 48.8 | 5,149 | 4,543 | 32,781 | 15,990 | 3.520 | 2.020 | 2,248 |
| 1965 | 49.2 | 5,408 | 4,594 | 33,102 | 16,301 | 3.548 | 2.138 | 2,149 |
| 1966 | 50.6 | 5,634 | 4,845 | 34,392 | 17,413 | 3.594 | 2.312 | 2,095 |

SIC 3272 CONCRETE PRODUCTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 46,283 | 200,231 | 36,267 | 73,567 | 141,575 | 391,366 | 720,111 | 44,310 |
| 1959 | 47,163 | 211,791 | 38,021 | 79,284 | 150,895 | 438,281 | 795,168 | 38,884 |
| 1960 | 48,637 | 222,384 | 39,023 | N.A. | 157,486 | 460,181 | 822,538 | 32,308 |
| 1961 | 47,939 | 222,905 | 38,069 | 83,145 | 156,310 | 470,871 | 822,442 | N.A. |
| 1962 | 49,322 | 241,822 | 39,331 | 85,582 | 173,417 | 499,465 | 871,625 | 36,824 |
| 1963 | 52,297 | 266,706 | 41,093 | 87,256 | 190,945 | 539,967 | 925,677 | 43,550 |
| 1964 | 54,396 | 283,457 | 42,549 | 89,723 | 201,716 | 591,811 | 977,456 | 50,839 |
| 1965 | 58,350 | 314,186 | 45,797 | 95,209 | 223,811 | 636,297 | 1,083,076 | 60,495 |
| 1966 | 60,523 | 338,499 | 46,744 | 95,169 | 238,123 | 691,913 | 1,189,710 | 67,860 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 54.3 | 4,326 | 3,904 | 19,856 | 10,791 | 2.764 | 1.924 | 2,028 |
| 1959 | 55.1 | 4,491 | 3,969 | 20,914 | 11,527 | 2.905 | 1.903 | 2,085 |
| 1960 | 55.9 | 4,572 | 4,036 | 21,078 | 11,793 | 2.922 | N.A. | N.A. |
| 1961 | 57.3 | 4,650 | 4,106 | 21,604 | 12,369 | 3.012 | 1.880 | 2,184 |
| 1962 | 57.3 | 4,903 | 4,409 | 22,161 | 12,699 | 2.880 | 2.026 | 2,176 |
| 1963 | 58.3 | 5,100 | 4,647 | 22,526 | 13,140 | 2.828 | 2.188 | 2,123 |
| 1964 | 60.5 | 5,211 | 4,741 | 22,972 | 13,909 | 2.934 | 2.248 | 2,109 |
| 1965 | 58.7 | 5,385 | 4,887 | 23,649 | 13,894 | 2.843 | 2.351 | 2,079 |
| 1966 | 58.2 | 5,593 | 5,094 | 25,452 | 14,802 | 2.906 | 2.502 | 2,036 |

SIC 3273 READY-MIXED CONCRETE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 62,116 | 303,111 | 44,203 | 88,351 | 201,971 | 679,385 | 1,687,151 | 71,603 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | 770,193 | 1,903,000 | 83,129 |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | 770,850 | 1,869,059 | 70,315 |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | 751,644 | 1,889,266 | 75,910 |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | 786,540 | 1,953,719 | 91,486 |
| 1963 | 71,523 | 410,539 | 46,110 | 96,228 | 244,955 | 981,997 | 2,292,504 | 106,010 |
| 1964 | 72,283 | 431,819 | 46,794 | 97,393 | 259,040 | 1,319,674 | 2,310,315 | 105,713 |
| 1965 | 77,335 | 465,562 | 51,111 | 102,443 | 279,191 | 1,066,698 | 2,511,485 | 135,553 |
| 1966 | 76,501 | 487,894 | 50,760 | 101,382 | 295,448 | 1,051,312 | 2,527,784 | 143,788 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 40.3 | 4,880 | 4,569 | 38,168 | 15,370 | 3.364 | 2.286 | 1,999 |
| 1959 | 40.5 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | 41.2 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | 39.8 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | 40.3 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 42.8 | 5,740 | 5,312 | 49,718 | 21,297 | 4.009 | 2.546 | 2,087 |
| 1964 | 57.1 | 5,974 | 5,536 | 49,372 | 28,202 | 5.094 | 2.660 | 2,081 |
| 1965 | 42.5 | 6,020 | 5,462 | 49,138 | 20,870 | 3.821 | 2.725 | 2,004 |
| 1966 | 41.6 | 6,378 | 5,820 | 49,799 | 20,711 | 3.558 | 2.914 | 1,997 |

SIC 3274 LIME

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 7,185 | 32,754 | 6,098 | 12,509 | 25,521 | 73,597 | 130,948 | 6,362 |
| 1959 | 7,362 | 36,298 | 6,234 | 13,083 | 28,126 | 91,702 | 157,666 | N.A. |
| 1960 | 7,566 | 39,032 | 6,153 | 12,398 | 29,095 | 97,827 | 156,729 | N.A. |
| 1961 | 7,200 | 38,253 | 5,956 | 11,767 | 28,715 | 99,689 | 156,970 | 7,019 |
| 1962 | 6,922 | 38,624 | 5,656 | 11,432 | 29,219 | 96,795 | 155,901 | N.A. |
| 1963 | 6,778 | 38,903 | 5,384 | 11,366 | 28,519 | 95,135 | 164,366 | 14,730 |
| 1964 | 7,046 | 41,777 | 5,776 | 12,364 | 31,442 | 103,260 | 187,424 | 21,428 |
| 1965 | 7,301 | 44,083 | 5,857 | 12,575 | 32,603 | 110,096 | 193,069 | 15,683 |
| 1966 | 7,493 | 49,114 | 6,222 | 13,623 | 38,107 | 117,371 | 197,861 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 56.2 | 4,559 | 4,185 | 21,474 | 12,069 | 2.884 | 2.040 | 2,051 |
| 1959 | 58.2 | 4,930 | 4,512 | 25,291 | 14,710 | 3.260 | 2.150 | 2,099 |
| 1960 | 62.4 | 5,159 | 4,729 | 25,472 | 15,899 | 3.362 | 2.347 | 2,015 |
| 1961 | 63.5 | 5,313 | 4,821 | 26,355 | 16,738 | 3.472 | 2.440 | 1,976 |
| 1962 | 62.1 | 5,580 | 5,166 | 27,564 | 17,114 | 3.313 | 2.556 | 2,021 |
| 1963 | 57.9 | 5,740 | 5,297 | 30,529 | 17,670 | 3.336 | 2.509 | 2,111 |
| 1964 | 55.1 | 5,929 | 5,444 | 32,449 | 17,877 | 3.284 | 2.543 | 2,141 |
| 1965 | 57.0 | 6,038 | 5,567 | 32,964 | 18,797 | 3.377 | 2.593 | 2,147 |
| 1966 | 59.3 | 6,555 | 6,125 | 31,800 | 18,864 | 3.080 | 2.797 | 2,189 |

SIC 3275 GYPSUM PRODUCTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 11,502 | 57,978 | 9,447 | 20,606 | 45,412 | 218,042 | 364,947 | 12,095 |
| 1959 | 12,301 | 65,890 | 10,089 | 22,606 | 52,085 | 241,017 | 410,569 | 21,977 |
| 1960 | 12,229 | 64,562 | 9,774 | 21,029 | 48,996 | 228,505 | 382,087 | 25,214 |
| 1961 | 11,465 | 63,578 | 9,187 | 19,875 | 48,289 | 224,654 | 375,167 | 25,184 |
| 1962 | 11,883 | 68,127 | 9,520 | 20,675 | 51,940 | 242,248 | 406,356 | 32,200 |
| 1963 | 11,491 | 70,335 | 9,216 | 20,766 | 54,455 | 259,659 | 425,108 | 15,201 |
| 1964 | 11,997 | 76,028 | 9,464 | 21,612 | 58,141 | 270,549 | 453,880 | 22,096 |
| 1965 | 11,876 | 75,761 | 9,155 | 20,593 | 57,029 | 238,463 | 429,105 | 32,486 |
| 1966 | 11,124 | 71,231 | 8,490 | 18,967 | 52,520 | 222,456 | 394,438 | 19,207 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 59.7 | 5,041 | 4,807 | 38,631 | 23,081 | 4.801 | 2.204 | 2,181 |
| 1959 | 58.7 | 5,356 | 5,163 | 40,695 | 23,889 | 4.627 | 2.304 | 2,241 |
| 1960 | 59.8 | 5,279 | 5,013 | 39,092 | 23,379 | 4.664 | 2.310 | 2,152 |
| 1961 | 59.9 | 5,545 | 5,256 | 40,837 | 24,453 | 4.652 | 2.431 | 2,163 |
| 1962 | 59.6 | 5,733 | 5,456 | 42,684 | 25,446 | 4.664 | 2.512 | 2,172 |
| 1963 | 61.1 | 6,121 | 5,909 | 46,127 | 28,175 | 4.768 | 2.622 | 2,253 |
| 1964 | 59.6 | 6,337 | 6,143 | 47,959 | 28,587 | 4.653 | 2.690 | 2,284 |
| 1965 | 55.6 | 6,379 | 6,229 | 46,871 | 26,047 | 4.181 | 2.769 | 2,249 |
| 1966 | 56.4 | 6,403 | 6,186 | 46,459 | 26,202 | 4.236 | 2.769 | 2,234 |

SIC 3281 CUT STONE & STONE PRODUCTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 20,348 | 83,038 | 16,995 | 33,056 | 63,818 | 129,038 | 206,264 | 8,405 |
| 1959 | 19,579 | 81,425 | 16,423 | 32,951 | 61,679 | 131,647 | 211,506 | N.A. |
| 1960 | 19,456 | 82,460 | 16,067 | 31,837 | 64,784 | 134,328 | 215,790 | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 18,340 | 85,745 | 15,259 | 30,896 | 66,657 | 131,465 | 217,176 | 6,693 |
| 1964 | 18,845 | 90,767 | 15,673 | 31,481 | 70,614 | 142,832 | 231,360 | 4,522 |
| 1965 | 17,771 | 90,902 | 14,582 | 29,302 | 69,678 | 133,663 | 219,705 | 5,286 |
| 1966 | 17,156 | 90,911 | 14,205 | 28,411 | 68,887 | 134,966 | 224,210 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 62.6 | 4,081 | 3,755 | 12,137 | 7,593 | 2.022 | 1.931 | 1,945 |
| 1959 | 62.2 | 4,159 | 3,756 | 12,879 | 8,016 | 2.134 | 1.872 | 2,006 |
| 1960 | 62.2 | 4,238 | 4,032 | 13,431 | 8,360 | 2.073 | 2.035 | 1,982 |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 60.5 | 4,675 | 4,368 | 14,233 | 8,616 | 1.972 | 2.157 | 2,025 |
| 1964 | 61.7 | 4,817 | 4,505 | 14,762 | 9,113 | 2.023 | 2.243 | 2,009 |
| 1965 | 60.8 | 5,115 | 4,778 | 15,067 | 9,166 | 1.918 | 2.378 | 2,009 |
| 1966 | 60.2 | 5,299 | 4,849 | 15,784 | 9,501 | 1.959 | 2.425 | 2,000 |

SIC 3291 ABRASIVE PRODUCTS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE ADDED | VALUE SHIPMENTS | CAPITAL EXPENDITURES |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) |
| 1958 | 23,955 | 127,912 | 15,971 | 30,891 | 75,499 | 277,706 | 490,752 | 21,098 |
| 1959 | 27,354 | 165,564 | 18,416 | 35,928 | 94,061 | 351,632 | 599,472 | 20,164 |
| 1960 | 27,955 | 172,741 | 18,265 | 34,729 | 91,693 | 354,447 | 605,924 | 16,368 |
| 1961 | 27,135 | 169,240 | 16,925 | 33,224 | 88,993 | 357,377 | 594,925 | 14,113 |
| 1962 | 28,498 | 187,925 | 18,074 | 35,159 | 100,869 | 398,328 | 659,527 | 12,148 |
| 1963 | 28,170 | 186,971 | 18,583 | 36,695 | 107,628 | 416,415 | 704,212 | 15,506 |
| 1964 | 29,331 | 201,061 | 19,240 | 36,759 | 113,625 | 473,469 | 775,103 | 16,339 |
| 1965 | 31,718 | 218,375 | 20,869 | 43,307 | 134,165 | 535,344 | 899,647 | 21,898 |
| 1966 | 34,876 | 246,383 | 23,256 | 47,689 | 152,506 | 619,920 | 1,015,601 | 39,274 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 56.6 | 5,340 | 4,727 | 30,728 | 17,388 | 3.678 | 2.444 | 1,934 |
| 1959 | 58.7 | 6,053 | 5,108 | 32,552 | 19,094 | 3.738 | 2.618 | 1,951 |
| 1960 | 58.5 | 6,179 | 5,020 | 33,174 | 19,406 | 3.866 | 2.640 | 1,901 |
| 1961 | 60.1 | 6,237 | 5,254 | 35,151 | 21,115 | 4.016 | 2.679 | 1,963 |
| 1962 | 60.4 | 6,594 | 5,581 | 36,490 | 22,039 | 3.749 | 2.869 | 1,945 |
| 1963 | 59.1 | 6,637 | 5,792 | 37,895 | 22,408 | 3.869 | 2.933 | 1,975 |
| 1964 | 61.1 | 6,855 | 5,906 | 40,286 | 24,609 | 4.167 | 2.932 | 2,015 |
| 1965 | 59.5 | 6,885 | 6,429 | 43,109 | 25,653 | 3.990 | 3.098 | 2,075 |
| 1966 | 61.0 | 7,065 | 6,558 | 43,670 | 26,656 | 4.065 | 3.198 | 2,051 |

SIC 3292 ASBESTOS PRODUCTS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 21,292 | 106,411 | 17,024 | 35,046 | 80,440 | 235,487 | 453,488 | 12,837 |
| 1959 | 22,773 | 119,406 | 18,583 | 39,142 | 92,802 | 279,632 | 522,515 | 11,103 |
| 1960 | 22,409 | 119,154 | 18,255 | 37,382 | 92,054 | 279,116 | 514,993 | 18,456 |
| 1961 | 21,724 | 118,594 | 17,550 | 35,867 | 90,116 | 269,346 | 502,883 | 9,137 |
| 1962 | 21,845 | 125,947 | 17,716 | 36,643 | 96,108 | 268,174 | 512,903 | 13,911 |
| 1963 | 19,516 | 118,024 | 15,738 | 32,884 | 89,766 | 269,067 | 509,236 | 12,381 |
| 1964 | 20,448 | 128,059 | 16,411 | 34,934 | 98,420 | 300,098 | 545,773 | 20,924 |
| 1965 | 21,012 | 132,079 | 16,785 | 34,698 | 100,251 | 300,576 | 561,657 | 27,883 |
| 1966 | 22,654 | 149,641 | 17,781 | 37,602 | 113,968 | 324,188 | 591,100 | 23,433 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 51.9 | 4,998 | 4,725 | 26,638 | 13,833 | 2.927 | 2.295 | 2,059 |
| 1959 | 53.5 | 5,243 | 4,994 | 28,118 | 15,048 | 3.013 | 2.371 | 2,106 |
| 1960 | 54.2 | 5,317 | 5,043 | 28,211 | 15,290 | 3.032 | 2.463 | 2,048 |
| 1961 | 53.6 | 5,459 | 5,135 | 28,654 | 15,347 | 2.989 | 2.513 | 2,044 |
| 1962 | 52.3 | 5,765 | 5,425 | 28,951 | 15,137 | 2.790 | 2.623 | 2,068 |
| 1963 | 52.8 | 6,048 | 5,704 | 32,357 | 17,097 | 2.997 | 2.730 | 2,089 |
| 1964 | 55.0 | 6,263 | 5,997 | 33,257 | 18,286 | 3.049 | 2.817 | 2,129 |
| 1965 | 53.0 | 6,286 | 5,973 | 33,819 | 17,907 | 2.998 | 2.889 | 2,067 |
| 1966 | 54.8 | 6,606 | 6,410 | 33,243 | 18,232 | 2.845 | 3.031 | 2,115 |

SIC 3293 GASKETS & INSULATIONS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 13,494 | 65,078 | 9,925 | 19,502 | 41,518 | 105,211 | 188,684 | 5,699 |
| 1959 | 14,377 | 73,179 | 10,749 | 21,820 | 48,410 | 122,575 | 219,452 | N.A. |
| 1960 | 13,807 | 70,739 | 9,955 | 20,987 | 42,538 | 114,318 | 210,435 | N.A. |
| 1961 | 13,722 | 73,105 | 9,903 | 21,107 | 43,585 | 121,164 | 222,708 | N.A. |
| 1962 | 14,689 | 79,916 | 10,984 | 23,067 | 49,526 | 132,186 | 238,466 | 8,225 |
| 1963 | 16,825 | 94,441 | 12,684 | 25,906 | 62,301 | 160,734 | 279,226 | 8,865 |
| 1964 | 16,806 | 100,927 | 12,815 | 26,845 | 63,504 | 162,789 | 297,596 | 8,703 |
| 1965 | 17,485 | 102,872 | 13,346 | 27,771 | 69,279 | 174,145 | 310,420 | 7,972 |
| 1966 | 17,614 | 108,697 | 13,425 | 27,852 | 71,377 | 203,329 | 353,720 | 10,318 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 55.8 | 4,823 | 4,183 | 19,011 | 10,601 | 2.534 | 2.129 | 1,965 |
| 1959 | 55.9 | 5,090 | 4,504 | 20,416 | 11,403 | 2.532 | 2.219 | 2,030 |
| 1960 | 54.3 | 5,123 | 4,273 | 21,139 | 11,483 | 2.687 | 2.027 | 2,108 |
| 1961 | 54.4 | 5,328 | 4,401 | 22,489 | 12,235 | 2.780 | 2.065 | 2,131 |
| 1962 | 55.4 | 5,441 | 4,509 | 21,710 | 12,034 | 2.669 | 2.147 | 2,100 |
| 1963 | 57.6 | 5,613 | 4,912 | 22,014 | 12,672 | 2.580 | 2.405 | 2,042 |
| 1964 | 54.7 | 6,005 | 4,955 | 23,222 | 12,703 | 2.563 | 2.366 | 2,095 |
| 1965 | 56.1 | 5,883 | 5,191 | 23,259 | 13,048 | 2.514 | 2.495 | 2,081 |
| 1966 | 57.5 | 6,171 | 5,317 | 26,348 | 15,146 | 2.849 | 2.563 | 2,075 |

SIC 3295 MINERALS, GROUND OR TREATED

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 8,302 | 42,277 | 6,496 | 13,512 | 30,504 | 155,538 | 219,086 | 9,486 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 7,330 | 41,567 | 5,688 | 11,749 | 29,643 | 102,079 | 204,393 | 11,873 |
| 1964 | 7,332 | 43,892 | 5,536 | 11,291 | 30,483 | 106,997 | 210,815 | N.A. |
| 1965 | 8,567 | 52,584 | 6,602 | 13,943 | 37,059 | 142,478 | 263,240 | 19,381 |
| 1966 | 8,897 | 58,291 | 6,794 | 14,502 | 40,691 | 164,683 | 292,059 | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 71.0 | 5,092 | 4,696 | 33,726 | 23,944 | 5.099 | 2.258 | 2,080 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 49.9 | 5,671 | 5,211 | 35,934 | 17,946 | 3.444 | 2.523 | 2,066 |
| 1964 | 50.8 | 5,986 | 5,506 | 38,081 | 19,327 | 3.510 | 2.700 | 2,040 |
| 1965 | 54.1 | 6,138 | 5,613 | 39,873 | 21,581 | 3.845 | 2.658 | 2,112 |
| 1966 | 56.4 | 6,552 | 5,989 | 42,988 | 24,239 | 4.047 | 2.806 | 2,135 |

SIC 3296 MINERAL WOOL

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 11,898 | 59,108 | 9,026 | 18,705 | 42,742 | 133,453 | 240,922 | 10,405 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 14,733 | 92,347 | 11,647 | 24,781 | 69,089 | 206,846 | 391,873 | 37,956 |
| 1964 | 14,853 | 91,602 | 11,868 | 24,696 | 70,750 | 216,693 | 395,554 | 18,484 |
| 1965 | 15,394 | 99,307 | 12,201 | 26,077 | 77,776 | 227,610 | 430,228 | 16,309 |
| 1966 | 16,107 | 108,901 | 12,864 | 27,326 | 84,267 | 252,235 | 460,963 | 24,117 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 55.4 | 4,968 | 4,735 | 26,692 | 14,785 | 3.122 | 2.285 | 2,072 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 52.8 | 6,268 | 5,932 | 33,646 | 17,760 | 2.994 | 2.788 | 2,128 |
| 1964 | 54.8 | 6,167 | 5,961 | 33,329 | 18,259 | 3.063 | 2.865 | 2,081 |
| 1965 | 52.9 | 6,451 | 6,375 | 35,262 | 18,655 | 2.926 | 2.983 | 2,137 |
| 1966 | 54.7 | 6,761 | 6,551 | 35,834 | 19,608 | 2.993 | 3.084 | 2,124 |

SIC 3297 NONCLAY REFRACTORIES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 8,013 | 41,167 | 6,325 | 11,657 | 30,352 | 102,362 | 177,643 | 14,933 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 8,572 | 53,367 | 6,810 | 13,485 | 38,673 | 129,139 | 250,195 | 9,346 |
| 1964 | 9,129 | 59,664 | 7,268 | 14,969 | 43,630 | 143,707 | 283,486 | 10,245 |
| 1965 | 9,485 | 64,698 | 7,536 | 15,432 | 47,189 | 154,972 | 293,554 | 17,037 |
| 1966 | 10,285 | 71,563 | 8,006 | 16,251 | 51,224 | 172,333 | 333,074 | 15,890 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 57.6 | 5,138 | 4,799 | 28,086 | 16,184 | 3.372 | 2.604 | 1,843 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 51.6 | 6,226 | 5,679 | 36,739 | 18,963 | 3.339 | 2.868 | 1,980 |
| 1964 | 50.7 | 6,536 | 6,003 | 39,005 | 19,773 | 3.294 | 2.915 | 2,060 |
| 1965 | 52.8 | 6,821 | 6,262 | 38,954 | 20,564 | 3.284 | 3.058 | 2,048 |
| 1966 | 51.7 | 6,958 | 6,398 | 41,603 | 21,525 | 3.364 | 3.152 | 2,030 |

SIC 3299 NON METALLIC MINERALS NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 4,316 | 16,982 | 3,406 | 6,535 | 11,586 | 31,973 | 58,947 | 1,194 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 5,471 | 27,094 | 4,361 | 8,266 | 18,231 | 53,284 | 96,188 | 2,187 |
| 1964 | 5,313 | 25,867 | 4,184 | 8,209 | 17,894 | 53,125 | 98,513 | 1,514 |
| 1965 | 6,208 | 32,270 | 5,076 | 10,859 | 23,118 | 66,065 | 114,349 | N.A. |
| 1966 | 6,448 | 35,892 | 5,246 | 10,679 | 24,685 | 68,741 | 115,935 | N.A. |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 54.2 | 3,935 | 3,402 | 17,307 | 9,387 | 2,760 | 1,773 | 1,919 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 55.4 | 4,952 | 4,180 | 22,056 | 12,219 | 2,923 | 2,206 | 1,895 |
| 1964 | 53.9 | 4,869 | 4,277 | 23,545 | 12,697 | 2,969 | 2,180 | 1,962 |
| 1965 | 57.8 | 5,198 | 4,554 | 22,527 | 13,015 | 2,858 | 2,129 | 2,139 |
| 1966 | 59.3 | 5,566 | 4,705 | 22,100 | 13,104 | 2,785 | 2,312 | 2,036 |

MISCELLANEOUS MANUFACTURING

SIC 3911 JEWELRY, PRECIOUS METAL

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 21,196 | 95,134 | 15,924 | 30,749 | 60,726 | 166,579 | 327,251 | 3,461 |
| 1959 | 20,596 | 99,136 | 15,510 | 32,137 | 64,107 | 178,567 | 348,324 | N.A. |
| 1960 | 20,775 | 102,578 | 15,459 | 32,476 | 65,456 | 188,953 | 362,719 | 2,424 |
| 1961 | 21,384 | 106,495 | 15,753 | 33,392 | 67,824 | 189,561 | 386,492 | 2,384 |
| 1962 | 21,740 | 112,888 | 16,092 | 34,617 | 72,533 | 203,942 | 411,367 | 1,764 |
| 1963 | 23,551 | 125,610 | 17,455 | 35,601 | 79,251 | 234,925 | 481,943 | 3,676 |
| 1964 | 24,072 | 134,334 | 17,511 | 36,012 | 83,600 | 240,045 | 508,590 | 3,482 |
| 1965 | 28,433 | 160,296 | 21,595 | 45,049 | 103,266 | 314,146 | 620,502 | 3,924 |
| 1966 | 29,329 | 161,263 | 22,207 | 44,296 | 94,900 | 327,853 | 693,810 | 5,152 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 50.9 | 4,488 | 3,813 | 20,551 | 10,461 | 2,743 | 1,975 | 1,931 |
| 1959 | 50.1 | 4,813 | 4,133 | 22,458 | 11,255 | 2,723 | 1,995 | 2,072 |
| 1960 | 52.1 | 4,938 | 4,234 | 23,463 | 12,223 | 2,887 | 2,016 | 2,101 |
| 1961 | 49.0 | 4,980 | 4,305 | 24,535 | 12,033 | 2,795 | 2,031 | 2,120 |
| 1962 | 49.6 | 5,193 | 4,507 | 25,563 | 12,674 | 2,812 | 2,095 | 2,151 |
| 1963 | 48.7 | 5,334 | 4,540 | 27,611 | 13,459 | 2,964 | 2,226 | 2,040 |
| 1964 | 47.2 | 5,581 | 4,774 | 29,044 | 13,708 | 2,871 | 2,321 | 2,057 |
| 1965 | 50.6 | 5,638 | 4,782 | 28,734 | 14,547 | 3,042 | 2,292 | 2,086 |
| 1966 | 47.3 | 5,498 | 4,273 | 31,243 | 14,763 | 3,455 | 2,142 | 1,995 |

SIC 3912 JEWELERS' FINDINGS & MATERIALS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 4,227 | 16,380 | 3,496 | 6,776 | 11,479 | 26,787 | 57,475 | 637 |
| 1959 | 4,265 | 17,886 | 3,524 | 7,139 | 12,417 | 30,009 | 64,329 | N.A. |
| 1960 | 4,497 | 18,519 | 3,626 | 7,027 | 12,318 | 37,724 | 65,843 | N.A. |
| 1961 | 4,666 | 19,149 | 3,784 | 7,295 | 12,826 | 34,640 | 67,743 | N.A. |
| 1962 | 4,854 | 21,485 | 3,909 | 7,702 | 13,948 | 38,798 | 74,834 | N.A. |
| 1963 | 4,816 | 20,836 | 3,924 | 7,684 | 14,001 | 33,958 | 72,833 | N.A. |
| 1964 | 4,973 | 21,575 | 4,105 | 8,175 | 14,809 | 33,613 | 79,146 | N.A. |
| 1965 | 4,761 | 22,393 | 3,928 | 8,175 | 14,891 | 38,195 | 89,448 | N.A. |
| 1966 | 5,105 | 24,469 | 4,221 | 8,193 | 16,524 | 46,013 | 108,215 | N.A. |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 46.6 | 3,875 | 3,283 | 16,440 | 7,662 | 2,334 | 1,694 | 1,938 |
| 1959 | 46.6 | 4,194 | 3,524 | 18,255 | 8,516 | 2,417 | 1,739 | 2,026 |
| 1960 | 57.3 | 4,118 | 3,397 | 18,159 | 10,404 | 3,063 | 1,753 | 1,938 |
| 1961 | 51.1 | 4,104 | 3,390 | 17,902 | 9,154 | 2,701 | 1,758 | 1,928 |
| 1962 | 51.8 | 4,426 | 3,568 | 19,144 | 9,925 | 2,782 | 1,811 | 1,970 |
| 1963 | 46.6 | 4,326 | 3,568 | 18,561 | 8,654 | 2,425 | 1,822 | 1,958 |
| 1964 | 42.5 | 4,338 | 3,608 | 19,280 | 8,188 | 2,270 | 1,811 | 1,991 |
| 1965 | 42.7 | 4,703 | 3,791 | 22,772 | 9,724 | 2,565 | 1,822 | 2,081 |
| 1966 | 42.5 | 4,793 | 3,915 | 25,637 | 10,901 | 2,785 | 2,017 | 1,941 |

SIC 3913 LAPIDARY WORK

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 1,904 | 8,061 | 1,629 | 2,985 | 6,154 | 14,605 | 40,428 | 253 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 1,538 | 8,289 | 1,239 | 2,265 | 6,085 | 16,129 | 65,094 | 393 |
| 1964 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1965 | 1,535 | 8,787 | 1,218 | 1,900 | 5,805 | 20,911 | 76,294 | 276 |
| 1966 | 1,511 | 9,083 | 1,172 | 1,831 | 5,688 | 22,768 | 74,551 | 287 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 36.1 | 4,234 | 3,778 | 24,818 | 8,966 | 2.373 | 2.062 | 1,832 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 24.8 | 5,389 | 4,911 | 52,538 | 13,018 | 2.651 | 2.687 | 1,828 |
| 1964 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1965 | 27.4 | 5,724 | 4,766 | 62,639 | 17,168 | 3.602 | 3.055 | 1,560 |
| 1966 | 30.5 | 6,011 | 4,853 | 63,610 | 19,427 | 4.003 | 3.106 | 1,562 |

SIC 3914 SILVERWARE & PLATED WARE

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 13,852 | 62,318 | 11,226 | 21,851 | 47,602 | 109,728 | 196,055 | 2,478 |
| 1959 | 14,396 | 68,514 | 11,824 | 23,873 | 52,661 | 121,302 | 217,348 | N.A. |
| 1960 | 14,368 | 68,252 | 11,814 | 23,266 | 51,425 | 123,932 | 221,652 | N.A. |
| 1961 | 14,101 | 67,980 | 11,631 | 23,081 | 51,979 | 130,231 | 232,874 | 2,178 |
| 1962 | 13,969 | 72,043 | 11,531 | 23,395 | 55,810 | 130,047 | 235,716 | N.A. |
| 1963 | 13,249 | 70,924 | 10,888 | 22,140 | 54,775 | 130,735 | 237,599 | 2,738 |
| 1964 | 14,314 | 78,942 | 11,855 | 24,273 | 61,462 | 136,978 | 261,129 | N.A. |
| 1965 | 14,134 | 82,290 | 11,932 | 25,030 | 64,851 | 159,865 | 288,346 | N.A. |
| 1966 | 15,127 | 93,351 | 12,760 | 27,186 | 74,331 | 189,571 | 325,116 | N.A. |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 56.0 | 4,499 | 4,240 | 17,464 | 9,774 | 2.305 | 2.178 | 1,946 |
| 1959 | 55.8 | 4,759 | 4,454 | 18,382 | 10,259 | 2.303 | 2.206 | 2,019 |
| 1960 | 55.9 | 4,750 | 4,353 | 18,762 | 10,490 | 2.410 | 2.210 | 1,969 |
| 1961 | 55.9 | 4,821 | 4,469 | 20,022 | 11,197 | 2.505 | 2.252 | 1,984 |
| 1962 | 55.2 | 5,157 | 4,840 | 20,442 | 11,278 | 2.330 | 2.386 | 2,029 |
| 1963 | 54.9 | 5,353 | 5,031 | 21,859 | 12,007 | 2.387 | 2.474 | 2,033 |
| 1964 | 52.5 | 5,515 | 5,184 | 22,027 | 11,554 | 2.229 | 2.532 | 2,047 |
| 1965 | 55.4 | 5,822 | 5,435 | 24,166 | 13,398 | 2.465 | 2.591 | 2,098 |
| 1966 | 58.3 | 6,171 | 5,825 | 25,479 | 14,857 | 2.550 | 2.734 | 2,131 |

SIC 3931 MUSICAL INSTRUMENTS & PARTS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 16,103 | 74,650 | 13,090 | 25,568 | 55,793 | 120,935 | 236,750 | 4,561 |
| 1959 | 18,631 | 88,250 | 15,382 | 30,541 | 66,525 | 154,908 | 297,044 | N.A. |
| 1960 | 20,206 | 93,719 | 16,489 | 32,087 | 69,939 | 132,784 | 274,584 | 4,230 |
| 1961 | 19,403 | 91,370 | 15,698 | 30,575 | 66,210 | 133,136 | 276,963 | 3,706 |
| 1962 | 20,828 | 100,992 | 17,089 | 33,738 | 74,542 | 144,910 | 293,127 | 3,940 |
| 1963 | 20,095 | 103,029 | 16,664 | 33,600 | 76,471 | 179,035 | 314,407 | 5,779 |
| 1964 | 21,705 | 114,980 | 17,743 | 37,191 | 85,671 | 189,736 | 352,333 | 6,324 |
| 1965 | 23,639 | 124,636 | 19,527 | 39,316 | 93,307 | 229,514 | 403,871 | 10,595 |
| 1966 | 25,056 | 139,766 | 20,484 | 41,941 | 103,482 | 248,168 | 437,267 | N.A. |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 51.1 | 4,636 | 4,262 | 18,086 | 9,239 | 2.168 | 2.182 | 1,953 |
| 1959 | 52.1 | 4,737 | 4,325 | 19,311 | 10,071 | 2.329 | 2.178 | 1,986 |
| 1960 | 48.4 | 4,638 | 4,242 | 16,653 | 8,053 | 1.899 | 2.180 | 1,946 |
| 1961 | 48.1 | 4,709 | 4,218 | 17,643 | 8,481 | 2.011 | 2.165 | 1,948 |
| 1962 | 49.4 | 4,849 | 4,362 | 17,153 | 8,480 | 1.944 | 2.209 | 1,974 |
| 1963 | 56.9 | 5,127 | 4,589 | 18,867 | 10,744 | 2.341 | 2.276 | 2,016 |
| 1964 | 53.9 | 5,297 | 4,828 | 19,858 | 10,694 | 2.215 | 2.304 | 2,096 |
| 1965 | 56.8 | 5,272 | 4,778 | 20,683 | 11,754 | 2.460 | 2.373 | 2,013 |
| 1966 | 56.8 | 5,578 | 5,052 | 21,347 | 12,115 | 2.398 | 2.467 | 2,048 |

SIC 3941 GAMES & TOYS

| | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|---------|
| YEAR | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) | |
| 1958 | 42,972 | 149,725 | 35,999 | 68,007 | 106,577 | 288,863 | 544,056 | 16,513 | |
| 1959 | 45,358 | 159,171 | 37,049 | 69,753 | 110,848 | 308,411 | 595,306 | N.A. | |
| 1960 | 45,697 | 164,022 | 37,569 | 72,385 | 113,204 | 342,536 | 635,322 | 14,675 | |
| 1961 | 50,395 | 183,266 | 41,370 | 78,156 | 126,003 | 411,339 | 736,507 | 14,863 | |
| 1962 | 47,956 | 185,629 | 39,279 | 77,689 | 129,260 | 406,076 | 715,015 | 18,082 | |
| 1963 | 51,835 | 206,744 | 44,031 | 84,425 | 145,243 | 444,101 | 796,631 | 27,728 | |
| 1964 | 55,078 | 235,100 | 46,250 | 89,557 | 160,008 | 509,459 | 937,368 | 28,480 | |
| 1965 | 62,141 | 271,290 | 52,568 | 100,693 | 180,912 | 575,641 | 1,087,370 | 32,590 | |
| 1966 | 62,285 | 278,903 | 52,389 | 101,536 | 185,250 | 621,588 | 1,157,167 | 28,381 | |

| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|----------------------------|--------------------------------------|-------------------------------------|--|--|---|--|
| | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 53.1 | 3,484 | 2,961 | 15,113 | 8,024 | 2.710 | 1.567 | 1,889 |
| 1959 | 51.8 | 3,509 | 2,992 | 16,068 | 8,324 | 2.782 | 1.589 | 1,883 |
| 1960 | 53.9 | 3,589 | 3,013 | 16,911 | 9,118 | 3.026 | 1.564 | 1,927 |
| 1961 | 55.8 | 3,637 | 3,046 | 17,803 | 9,943 | 3.265 | 1.612 | 1,889 |
| 1962 | 56.8 | 3,871 | 3,291 | 18,203 | 10,338 | 3.142 | 1.664 | 1,978 |
| 1963 | 55.7 | 3,989 | 3,299 | 18,093 | 10,046 | 3.058 | 1.720 | 1,917 |
| 1964 | 54.3 | 4,268 | 3,460 | 20,267 | 11,015 | 3.184 | 1.787 | 1,936 |
| 1965 | 52.9 | 4,366 | 3,441 | 20,685 | 10,950 | 3.182 | 1.797 | 1,915 |
| 1966 | 53.7 | 4,478 | 3,536 | 22,088 | 11,865 | 3.355 | 1.824 | 1,938 |

SIC 3942 DOLLS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE | VALUE | CAPITAL |
|------|--|----------------------------|--------------------------------------|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 13,860 | 43,984 | 12,196 | 22,709 | 33,877 | 77,149 | 161,924 | 5,469 |
| 1959 | 14,219 | 43,789 | 12,483 | 22,686 | 33,161 | 82,088 | 168,225 | N.A. |
| 1960 | 14,704 | 47,084 | 12,947 | 23,209 | 34,639 | 85,775 | 178,302 | N.A. |
| 1961 | 16,227 | 51,115 | 15,543 | 24,521 | 36,948 | 97,278 | 194,685 | 2,178 |
| 1962 | 18,335 | 62,325 | 16,932 | 28,534 | 46,707 | 148,864 | 273,577 | 9,510 |
| 1963 | 16,213 | 58,991 | 13,934 | 24,361 | 41,751 | 138,100 | 247,942 | 6,276 |
| 1964 | 13,378 | 42,277 | 12,311 | 21,376 | 36,452 | 93,331 | 172,970 | N.A. |
| 1965 | 12,770 | 45,380 | 11,474 | 19,921 | 34,372 | 83,689 | 161,553 | 2,799 |
| 1966 | 11,624 | 41,216 | 10,481 | 18,501 | 31,957 | 74,713 | 150,204 | 1,637 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE | WAGES PER PRODUCTION WORKER | VALUE OF SHIPMENTS PER PRODUCTION WORKER | VALUE ADDED PER PRODUCTION WORKER | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | (\$) | (\$) | (\$) | (\$) | (\$) | (\$) | |
| 1958 | 47.6 | 3,173 | 2,778 | 13,277 | 6,326 | 2,277 | 1.492 | 1,862 |
| 1959 | 48.8 | 3,080 | 2,656 | 13,476 | 6,576 | 2,475 | 1.462 | 1,817 |
| 1960 | 48.1 | 3,202 | 2,675 | 13,772 | 6,625 | 2,476 | 1.492 | 1,793 |
| 1961 | 50.0 | 3,150 | 2,377 | 12,526 | 6,259 | 2,633 | 1.507 | 1,578 |
| 1962 | 54.4 | 3,399 | 2,752 | 16,157 | 8,792 | 3,187 | 1.637 | 1,685 |
| 1963 | 55.7 | 3,638 | 2,996 | 17,794 | 9,911 | 3,308 | 1.714 | 1,748 |
| 1964 | 54.0 | 3,160 | 2,961 | 14,050 | 7,581 | 2,560 | 1.705 | 1,736 |
| 1965 | 51.8 | 3,554 | 2,996 | 14,080 | 7,294 | 2,435 | 1.725 | 1,736 |
| 1966 | 49.7 | 3,546 | 3,049 | 14,331 | 7,128 | 2,338 | 1.727 | 1,765 |

SIC 3943 CHILDREN'S VEHICLES

| | TOTAL NUMBER | EMPLOYMENT PAYROLL (\$1,000) | | PRODUCTION WORKERS MAN HOURS (1,000) | WAGES (\$1,000) | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| YEAR | | | NUMER | | | | | |
| 1958 | 4,708 | 19,625 | 3,946 | 7,712 | 14,932 | 31,727 | 70,438 | 831 |
| 1959 | 5,022 | 22,023 | 4,272 | 8,341 | 17,175 | 34,031 | 78,742 | N.A. |
| 1960 | 4,846 | 21,442 | 4,118 | 8,532 | 16,655 | 33,968 | 75,191 | 1,222 |
| 1961 | 4,321 | 19,888 | 3,668 | 8,113 | 15,442 | 31,250 | 67,354 | 2,547 |
| 1962 | 4,386 | 19,241 | 3,717 | 8,222 | 14,756 | 31,824 | 75,550 | 1,327 |
| 1963 | 4,542 | 19,436 | 3,796 | 7,595 | 14,275 | 35,304 | 77,507 | 1,858 |
| 1964 | 3,858 | 17,976 | 3,185 | 6,446 | 12,635 | 32,797 | 69,642 | N.A. |
| 1965 | 5,580 | 24,847 | 4,700 | 9,290 | 18,288 | 44,520 | 101,176 | 2,279 |
| 1966 | 5,017 | 24,140 | 4,215 | 8,683 | 17,019 | 47,811 | 95,787 | 4,760 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 45.0 | 4,168 | 3,784 | 17,850 | 8,040 | 2.125 | 1.936 | 1,954 |
| 1959 | 43.2 | 4,385 | 4,020 | 18,432 | 7,966 | 1.981 | 2.059 | 1,952 |
| 1960 | 45.2 | 4,425 | 4,044 | 18,259 | 8,249 | 2.040 | 1.952 | 2,072 |
| 1961 | 46.4 | 4,603 | 4,210 | 18,363 | 8,520 | 2.024 | 1.903 | 2,212 |
| 1962 | 42.1 | 4,387 | 3,970 | 20,326 | 8,562 | 2.157 | 1.795 | 2,212 |
| 1963 | 45.5 | 4,279 | 3,761 | 20,418 | 9,300 | 2.473 | 1.880 | 2,001 |
| 1964 | 47.1 | 4,659 | 3,967 | 21,866 | 10,297 | 2.596 | 1.960 | 2,024 |
| 1965 | 44.0 | 4,453 | 3,891 | 21,527 | 9,472 | 2.434 | 1.969 | 1,977 |
| 1966 | 49.9 | 4,812 | 4,038 | 22,725 | 11,343 | 2.809 | 1.960 | 2,060 |

SIC 3949 SPORTING & ATHLETIC GOODS, NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|--|------------------------------------|--|---|--|--|---|--|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 37,164 | 148,477 | 29,735 | 57,370 | 104,342 | 314,059 | 577,815 | 15,106 |
| 1959 | 38,043 | 161,026 | 31,310 | 61,647 | 110,394 | 332,208 | 649,494 | N.A. |
| 1960 | 39,941 | 167,999 | 31,889 | 60,635 | 110,330 | 384,193 | 726,761 | N.A. |
| 1961 | 38,714 | 162,128 | 31,106 | 58,500 | 107,788 | 369,700 | 773,471 | 15,150 |
| 1962 | 36,724 | 165,020 | 29,427 | 56,892 | 107,087 | 358,578 | 697,790 | 18,709 |
| 1963 | 40,543 | 175,777 | 32,514 | 62,703 | 123,306 | 360,980 | 704,718 | 15,289 |
| 1964 | 39,902 | 182,946 | 31,809 | 63,282 | 127,719 | 380,386 | 725,619 | N.A. |
| 1965 | 41,226 | 193,278 | 32,420 | 63,294 | 136,245 | 387,697 | 778,787 | 17,380 |
| 1966 | 39,670 | 204,977 | 31,460 | 61,762 | 142,811 | 452,168 | 826,492 | N.A. |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 54.4 | 3,995 | 3,509 | 19,432 | 10,562 | 3.010 | 1.819 | 1,929 |
| 1959 | 51.1 | 4,233 | 3,526 | 20,744 | 10,610 | 3.009 | 1.791 | 1,969 |
| 1960 | 52.9 | 4,206 | 3,460 | 22,790 | 12,048 | 3.482 | 1.820 | 1,901 |
| 1961 | 47.8 | 4,188 | 3,465 | 24,866 | 11,885 | 3.430 | 1.843 | 1,881 |
| 1962 | 51.4 | 4,494 | 3,639 | 23,713 | 12,185 | 3.348 | 1.882 | 1,933 |
| 1963 | 51.2 | 4,336 | 3,792 | 21,674 | 11,102 | 2.928 | 1.967 | 1,928 |
| 1964 | 52.4 | 4,585 | 4,015 | 22,812 | 11,958 | 2.978 | 2.018 | 1,989 |
| 1965 | 49.8 | 4,688 | 4,202 | 24,022 | 11,959 | 2.846 | 2.153 | 1,952 |
| 1966 | 54.7 | 5,167 | 4,539 | 26,271 | 14,373 | 3.166 | 2.312 | 1,963 |

SIC 3951 PENS & MECHANICAL PENCILS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|--|------------------------------------|--|---|--|--|---|--|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 11,179 | 45,856 | 8,519 | 16,234 | 27,869 | 90,197 | 150,279 | 3,829 |
| 1959 | 10,868 | 44,154 | 8,554 | 16,699 | 27,627 | 92,894 | 152,813 | 2,911 |
| 1960 | 11,060 | 46,082 | 8,722 | 17,386 | 29,016 | 94,841 | 158,516 | 3,041 |
| 1961 | 10,174 | 44,434 | 7,782 | 15,222 | 27,082 | 96,692 | 169,642 | 5,529 |
| 1962 | 10,509 | 46,629 | 8,083 | 15,721 | 29,035 | 109,846 | 180,906 | N.A. |
| 1963 | 11,562 | 54,968 | 9,065 | 17,937 | 33,944 | 119,069 | 185,464 | 4,068 |
| 1964 | 11,275 | 54,627 | 8,634 | 17,673 | 33,364 | 115,871 | 184,598 | 4,447 |
| 1965 | 12,200 | 58,729 | 9,380 | 18,289 | 35,940 | 131,564 | 200,719 | 6,440 |
| 1966 | 12,325 | 63,431 | 10,143 | 19,789 | 39,353 | 145,750 | 216,401 | 5,212 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 60.0 | 4,102 | 3,271 | 17,640 | 10,588 | 3.236 | 1.717 | 1,906 |
| 1959 | 60.8 | 4,063 | 3,230 | 17,865 | 10,860 | 3.362 | 1.654 | 1,952 |
| 1960 | 59.8 | 4,167 | 3,327 | 18,174 | 10,874 | 3.269 | 1.669 | 1,993 |
| 1961 | 57.0 | 4,367 | 3,480 | 21,799 | 12,425 | 3.570 | 1.779 | 1,956 |
| 1962 | 60.7 | 4,627 | 3,592 | 22,381 | 13,590 | 3.783 | 1.847 | 1,945 |
| 1963 | 64.2 | 4,754 | 3,745 | 20,459 | 13,135 | 3.508 | 1.892 | 1,979 |
| 1964 | 62.8 | 4,845 | 3,864 | 21,380 | 13,420 | 3.473 | 1.888 | 2,047 |
| 1965 | 65.5 | 4,814 | 3,832 | 21,399 | 14,026 | 3.661 | 1.965 | 1,950 |
| 1966 | 67.4 | 5,147 | 3,880 | 21,335 | 14,370 | 3.704 | 1.989 | 1,951 |

SIC 3952 LEAD PENCILS & ART GOODS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|--|------------------------------------|--|---|--|--|---|--|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 6,687 | 26,183 | 4,711 | 9,366 | 14,746 | 47,909 | 98,494 | 2,049 |
| 1959 | 7,102 | 27,331 | 5,199 | 10,089 | 15,812 | 53,899 | 107,000 | 1,044 |
| 1960 | 6,387 | 26,627 | 4,824 | 9,814 | 15,716 | 54,440 | 108,845 | 1,734 |
| 1961 | 6,274 | 25,971 | 4,778 | 9,623 | 15,971 | 54,226 | 102,842 | 1,302 |
| 1962 | 5,963 | 26,470 | 4,544 | 9,483 | 16,146 | 57,200 | 107,582 | 1,797 |
| 1963 | 6,868 | 31,944 | 5,020 | 9,831 | 18,394 | 64,731 | 121,630 | 1,594 |
| 1964 | 7,357 | 35,661 | 5,559 | 10,523 | 20,222 | 76,856 | 135,470 | 1,872 |
| 1965 | 7,753 | 37,258 | 5,982 | 11,800 | 22,950 | 75,471 | 145,831 | N.A. |
| 1966 | 8,277 | 40,334 | 6,416 | 12,568 | 24,684 | 81,233 | 159,554 | 3,207 |
| VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER | |
| | | | | | | | | |
| 1958 | 48.6 | 3,916 | 3,130 | 20,907 | 10,170 | 3.249 | 1.574 | 1,988 |
| 1959 | 50.4 | 3,848 | 3,041 | 20,581 | 10,367 | 3.409 | 1.567 | 1,941 |
| 1960 | 50.0 | 4,169 | 3,258 | 22,563 | 11,285 | 3.464 | 1.601 | 2,034 |
| 1961 | 52.7 | 4,139 | 3,343 | 21,524 | 11,349 | 3.395 | 1.660 | 2,014 |
| 1962 | 53.2 | 4,439 | 3,553 | 23,676 | 12,588 | 3.543 | 1.703 | 2,087 |
| 1963 | 53.2 | 4,651 | 3,664 | 24,229 | 12,895 | 3.519 | 1.871 | 1,958 |
| 1964 | 56.7 | 4,847 | 3,638 | 24,369 | 13,826 | 3.801 | 1.922 | 1,893 |
| 1965 | 51.8 | 4,806 | 3,837 | 24,378 | 12,616 | 3.288 | 1.945 | 1,973 |
| 1966 | 50.9 | 4,873 | 3,847 | 24,868 | 12,661 | 3.291 | 1.964 | 1,959 |

SIC 3953 MARKING DEVICES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 5,447 | 24,775 | 3,875 | 7,357 | 15,603 | 39,940 | 59,923 | 1,360 |
| 1959 | 5,703 | 28,934 | 3,953 | 7,930 | 18,142 | 48,504 | 71,961 | 1,292 |
| 1960 | 5,801 | 30,200 | 3,962 | 8,225 | 18,491 | 49,440 | 74,400 | N.A. |
| 1961 | 6,031 | 29,635 | 4,144 | 8,581 | 18,067 | 49,615 | 73,920 | 1,521 |
| 1962 | 6,847 | 34,635 | 4,548 | 9,430 | 20,451 | 58,765 | 89,929 | N.A. |
| 1963 | 7,625 | 41,367 | 5,257 | 10,657 | 24,950 | 85,572 | 126,845 | 2,204 |
| 1964 | 8,025 | 44,018 | 5,041 | 11,761 | 26,248 | 83,718 | 128,055 | N.A. |
| 1965 | 7,657 | 45,775 | 5,392 | 10,951 | 26,121 | 90,798 | 135,626 | N.A. |
| 1966 | 8,726 | 55,129 | 5,613 | 10,949 | 28,826 | 129,214 | 162,173 | N.A. |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 66.7 | 4,548 | 4,027 | 15,464 | 10,307 | 2.560 | 2.121 | 1,899 |
| 1959 | 67.4 | 5,073 | 4,589 | 18,204 | 12,270 | 2.674 | 2.288 | 2,006 |
| 1960 | 66.5 | 5,206 | 4,667 | 18,778 | 12,479 | 2.674 | 2.248 | 2,076 |
| 1961 | 67.1 | 4,914 | 4,360 | 17,838 | 11,973 | 2.746 | 2.105 | 2,071 |
| 1962 | 65.3 | 5,058 | 4,497 | 19,773 | 12,921 | 2.873 | 2.169 | 2,073 |
| 1963 | 67.5 | 5,425 | 4,746 | 24,129 | 16,278 | 3.430 | 2.341 | 2,027 |
| 1964 | 65.4 | 5,485 | 5,207 | 25,403 | 16,607 | 3.190 | 2.232 | 2,333 |
| 1965 | 66.9 | 5,978 | 4,844 | 25,153 | 16,839 | 3.476 | 2.385 | 2,031 |
| 1966 | 79.7 | 6,318 | 5,136 | 28,892 | 23,020 | 4.483 | 2.633 | 1,951 |

SIC 3955 CARBON PAPER & INKED RIBBONS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 5,818 | 27,614 | 3,922 | 7,854 | 15,098 | 58,951 | 126,013 | 2,554 |
| 1959 | 6,141 | 30,150 | 4,055 | 8,144 | 15,962 | 63,846 | 136,379 | 1,661 |
| 1960 | 6,529 | 33,282 | 4,376 | 8,354 | 17,045 | 69,307 | 148,003 | 1,924 |
| 1961 | 6,423 | 32,762 | 4,269 | 8,238 | 17,261 | 70,441 | 158,236 | 2,152 |
| 1962 | 6,468 | 34,545 | 4,414 | 8,823 | 18,660 | 73,060 | 165,899 | N.A. |
| 1963 | 5,539 | 31,480 | 3,819 | 7,671 | 17,628 | 68,353 | 155,513 | 2,277 |
| 1964 | 5,588 | 33,569 | 3,922 | 8,051 | 18,727 | 77,944 | 166,494 | N.A. |
| 1965 | 5,827 | 35,006 | 3,962 | 9,022 | 20,210 | 83,678 | 177,595 | 2,366 |
| 1966 | 5,813 | 36,484 | 3,765 | 7,705 | 20,460 | 89,979 | 196,472 | 4,041 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 46.8 | 4,746 | 3,850 | 32,130 | 15,031 | 3.905 | 1.922 | 2,003 |
| 1959 | 46.8 | 4,910 | 3,936 | 33,632 | 15,745 | 4.000 | 1.960 | 2,008 |
| 1960 | 46.8 | 5,098 | 3,895 | 33,822 | 15,838 | 4.066 | 2.040 | 1,909 |
| 1961 | 44.5 | 5,101 | 4,043 | 37,066 | 16,501 | 4.081 | 2.095 | 1,930 |
| 1962 | 44.0 | 5,341 | 4,227 | 37,585 | 16,552 | 3.915 | 2.115 | 1,999 |
| 1963 | 44.0 | 5,683 | 4,616 | 40,721 | 17,898 | 3.878 | 2.298 | 2,009 |
| 1964 | 46.8 | 6,007 | 4,775 | 42,451 | 19,874 | 4.162 | 2.326 | 2,053 |
| 1965 | 47.1 | 6,008 | 5,101 | 44,825 | 21,120 | 4.140 | 2.519 | 2,025 |
| 1966 | 45.8 | 6,276 | 5,434 | 52,184 | 23,899 | 4.398 | 2.655 | 2,046 |

SIC 3961 COSTUME JEWELRY

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS (1,000) | WAGES (\$1,000) | | | |
| 1958 | 25,286 | 83,201 | 21,297 | 34,994 | 58,347 | 138,043 | 253,809 | 5,788 |
| 1959 | 24,285 | 80,681 | 20,733 | 38,227 | 55,761 | 134,274 | 245,146 | N.A. |
| 1960 | 22,089 | 78,453 | 18,672 | 35,552 | 52,330 | 132,400 | 245,708 | N.A. |
| 1961 | 21,904 | 79,682 | 18,190 | 34,733 | 51,519 | 132,198 | 253,183 | 1,541 |
| 1962 | 22,340 | 81,142 | 18,519 | 34,672 | 52,644 | 136,204 | 253,167 | 1,408 |
| 1963 | 21,655 | 85,268 | 18,225 | 34,535 | 59,760 | 150,999 | 280,478 | 3,825 |
| 1964 | 21,650 | 88,065 | 18,219 | 35,307 | 60,892 | 158,133 | 294,320 | 1,712 |
| 1965 | 21,287 | 89,783 | 17,589 | 33,761 | 60,496 | 173,782 | 312,965 | N.A. |
| 1966 | 21,582 | 94,358 | 18,460 | 35,783 | 65,754 | 186,687 | 335,014 | 5,805 |
| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| | | | | | | | | |
| 1958 | 54.4 | 3,290 | 2,740 | 11,918 | 6,482 | 2.366 | 1.459 | 1,878 |
| 1959 | 54.8 | 3,322 | 2,689 | 11,824 | 6,474 | 2.407 | 1.459 | 1,844 |
| 1960 | 53.9 | 3,552 | 2,803 | 13,159 | 7,091 | 2.530 | 1.472 | 1,904 |
| 1961 | 52.2 | 3,638 | 2,832 | 13,919 | 7,268 | 2.566 | 1.483 | 1,909 |
| 1962 | 53.8 | 3,632 | 2,843 | 13,671 | 7,355 | 2.587 | 1.518 | 1,872 |
| 1963 | 53.8 | 3,938 | 3,279 | 15,390 | 8,285 | 2.527 | 1.730 | 1,895 |
| 1964 | 53.7 | 4,068 | 3,342 | 16,155 | 8,680 | 2.597 | 1.725 | 1,938 |
| 1965 | 55.5 | 4,218 | 3,439 | 17,793 | 9,880 | 2.873 | 1.792 | 1,919 |
| 1966 | 55.7 | 4,372 | 3,562 | 18,148 | 10,113 | 2.839 | 1.838 | 1,938 |

SIC 3962 ARTIFICIAL FLOWERS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 6,770 | 19,021 | 5,932 | 11,038 | 14,377 | 34,650 | 64,969 | 886 |
| 1959 | 6,959 | 19,733 | 5,969 | 10,987 | 14,400 | 34,726 | 67,395 | N.A. |
| 1960 | 6,622 | 19,597 | 5,834 | 10,480 | 13,935 | 32,028 | 65,323 | N.A. |
| 1961 | 5,890 | 16,909 | 5,176 | 9,532 | 12,033 | 28,954 | 63,514 | N.A. |
| 1962 | 5,231 | 15,637 | 4,407 | 7,878 | 10,609 | 28,178 | 59,830 | N.A. |
| 1963 | 4,958 | 16,338 | 4,266 | 7,609 | 12,113 | 29,194 | 60,418 | 736 |
| 1964 | 4,754 | 16,967 | 4,089 | 7,562 | 12,572 | 33,019 | 65,598 | N.A. |
| 1965 | 4,186 | 15,464 | 3,587 | 6,237 | 11,118 | 35,655 | 74,002 | N.A. |
| 1966 | 3,839 | 15,118 | 3,329 | 5,659 | 10,699 | 36,749 | 73,542 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 53.3 | 2,810 | 2,424 | 10,952 | 5,841 | 2.410 | 1.303 | 1,861 |
| 1959 | 51.5 | 2,836 | 2,412 | 11,291 | 5,818 | 2.412 | 1.311 | 1,841 |
| 1960 | 49.0 | 2,959 | 2,389 | 11,197 | 5,490 | 2.298 | 1.330 | 1,796 |
| 1961 | 45.6 | 2,871 | 2,325 | 12,271 | 5,594 | 2.406 | 1.262 | 1,842 |
| 1962 | 47.1 | 2,989 | 2,407 | 13,576 | 6,394 | 2.656 | 1.347 | 1,788 |
| 1963 | 48.3 | 3,295 | 2,839 | 14,163 | 6,843 | 2.410 | 1.592 | 1,784 |
| 1964 | 50.3 | 3,569 | 3,075 | 16,043 | 8,075 | 2.626 | 1.663 | 1,849 |
| 1965 | 48.2 | 3,694 | 3,100 | 20,631 | 9,940 | 3.207 | 1.783 | 1,739 |
| 1966 | 50.0 | 3,938 | 3,214 | 22,091 | 11,039 | 3.435 | 1.891 | 1,700 |

SIC 3963 BUTTONS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 6,462 | 21,526 | 5,504 | 10,425 | 15,817 | 37,967 | 68,609 | 1,414 |
| 1959 | 6,438 | 21,082 | 5,532 | 10,483 | 16,093 | 41,478 | 74,526 | N.A. |
| 1960 | 5,621 | 20,418 | 4,807 | 9,559 | 15,311 | 37,529 | 70,813 | 825 |
| 1961 | 5,644 | 20,081 | 4,868 | 9,842 | 15,111 | 37,511 | 71,558 | 686 |
| 1962 | 5,401 | 20,523 | 4,672 | 9,495 | 15,809 | 38,456 | 73,867 | 1,824 |
| 1963 | 5,599 | 23,024 | 4,728 | 9,133 | 16,520 | 43,751 | 81,835 | 1,040 |
| 1964 | 5,159 | 22,125 | 4,295 | 8,609 | 15,643 | 50,766 | 85,968 | N.A. |
| 1965 | 5,340 | 22,165 | 4,576 | 8,269 | 16,159 | 41,434 | 70,639 | N.A. |
| 1966 | 5,310 | 24,110 | 4,507 | 8,234 | 16,251 | 43,205 | 72,938 | N.A. |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 55.3 | 3,331 | 2,874 | 12,465 | 6,898 | 2.400 | 1.517 | 1,894 |
| 1959 | 55.7 | 3,275 | 2,909 | 13,472 | 7,498 | 2.577 | 1.535 | 1,895 |
| 1960 | 53.0 | 3,632 | 3,185 | 14,731 | 7,807 | 2.451 | 1.602 | 1,989 |
| 1961 | 52.4 | 3,558 | 3,104 | 14,700 | 7,706 | 2.482 | 1.535 | 2,022 |
| 1962 | 52.1 | 3,800 | 3,384 | 15,811 | 8,231 | 2.433 | 1.665 | 2,032 |
| 1963 | 53.5 | 4,112 | 3,494 | 17,309 | 9,254 | 2.648 | 1.809 | 1,932 |
| 1964 | 59.1 | 4,289 | 3,642 | 20,016 | 11,820 | 3.245 | 1.817 | 2,004 |
| 1965 | 58.7 | 4,151 | 3,531 | 15,437 | 9,055 | 2.564 | 1.954 | 1,807 |
| 1966 | 59.2 | 4,540 | 3,606 | 16,183 | 9,586 | 2.659 | 1.974 | 1,827 |

SIC 3964 NEEDLES, PINS, & FASTENERS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|--|------------------------------------|--|---|--|--|---|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 17,756 | 69,873 | 14,251 | 26,723 | 47,957 | 127,664 | 220,517 | 4,276 |
| 1959 | 18,677 | 76,081 | 15,159 | 29,105 | 52,871 | 147,037 | 251,511 | N.A. |
| 1960 | 18,298 | 75,890 | 14,827 | 28,163 | 53,132 | 154,211 | 255,052 | 7,233 |
| 1961 | 18,445 | 78,177 | 15,038 | 28,564 | 54,985 | 161,047 | 283,533 | N.A. |
| 1962 | 20,701 | 86,979 | 17,101 | 31,858 | 62,809 | 188,004 | 319,005 | 7,227 |
| 1963 | 20,271 | 89,431 | 16,675 | 32,642 | 64,125 | 190,868 | 337,285 | 7,428 |
| 1964 | 19,711 | 96,072 | 16,054 | 34,538 | 68,670 | 209,257 | 356,722 | 10,210 |
| 1965 | 21,977 | 103,802 | 18,078 | 35,562 | 73,677 | 231,606 | 397,965 | 8,417 |
| 1966 | 22,420 | 108,529 | 18,489 | 36,065 | 76,578 | 233,498 | 409,313 | 12,622 |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
| 1958 | 57.9 | 3,935 | 3,365 | 15,474 | 8,958 | 2.662 | 1.795 | 1,875 |
| 1959 | 58.5 | 4,074 | 3,488 | 16,592 | 9,700 | 2.781 | 1.817 | 1,920 |
| 1960 | 60.5 | 4,147 | 3,583 | 17,202 | 10,401 | 2.902 | 1.887 | 1,899 |
| 1961 | 56.8 | 4,238 | 3,656 | 18,854 | 10,709 | 2.929 | 1.925 | 1,899 |
| 1962 | 58.9 | 4,202 | 3,673 | 18,654 | 10,994 | 2.993 | 1.972 | 1,863 |
| 1963 | 56.6 | 4,412 | 3,846 | 20,227 | 11,446 | 2.976 | 1.964 | 1,958 |
| 1964 | 58.7 | 4,874 | 4,277 | 22,220 | 13,035 | 3.047 | 1.988 | 2,151 |
| 1965 | 58.2 | 4,723 | 4,076 | 22,014 | 12,811 | 3.144 | 2.072 | 1,967 |
| 1966 | 57.0 | 4,841 | 4,142 | 22,138 | 12,629 | 3.049 | 2.123 | 1,951 |

SIC 3981 BROOMS & BRUSHES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS | WAGES (\$1,000) | | | |
| 1958 | 17,082 | 64,573 | 13,557 | 25,601 | 42,917 | 137,496 | 275,722 | 3,981 |
| 1959 | 17,612 | 70,118 | 14,274 | 27,252 | 47,664 | 155,279 | 298,935 | N.A. |
| 1960 | 16,870 | 70,555 | 13,618 | 26,229 | 47,069 | 150,216 | 291,298 | N.A. |
| 1961 | 16,619 | 70,995 | 13,425 | 25,175 | 46,786 | 147,942 | 292,862 | 3,639 |
| 1962 | 16,630 | 74,352 | 13,538 | 25,663 | 49,439 | 166,614 | 306,878 | 5,188 |
| 1963 | 16,637 | 73,620 | 13,428 | 25,801 | 49,510 | 167,866 | 321,129 | 4,394 |
| 1964 | 17,219 | 81,686 | 13,733 | 26,937 | 51,946 | 181,698 | 350,628 | N.A. |
| 1965 | 17,320 | 84,241 | 14,156 | 27,473 | 54,058 | 192,699 | 372,303 | 6,156 |
| 1966 | 17,005 | 85,341 | 13,659 | 27,720 | 55,539 | 195,115 | 374,357 | 9,237 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 49.9 | 3,780 | 3,166 | 20,338 | 10,142 | 3.204 | 1.676 | 1,888 |
| 1959 | 51.9 | 3,981 | 3,339 | 20,943 | 10,878 | 3.258 | 1.749 | 1,909 |
| 1960 | 51.6 | 4,182 | 3,456 | 21,391 | 11,031 | 3.191 | 1.795 | 1,926 |
| 1961 | 50.5 | 4,272 | 3,485 | 21,815 | 11,020 | 3.162 | 1.858 | 1,875 |
| 1962 | 54.3 | 4,471 | 3,652 | 22,668 | 12,307 | 3.370 | 1.926 | 1,896 |
| 1963 | 52.3 | 4,425 | 3,687 | 23,915 | 12,501 | 3.391 | 1.919 | 1,921 |
| 1964 | 51.8 | 4,744 | 3,783 | 25,532 | 13,231 | 3.498 | 1.928 | 1,961 |
| 1965 | 51.8 | 4,864 | 3,819 | 26,300 | 13,613 | 3.565 | 1.968 | 1,941 |
| 1966 | 52.1 | 5,019 | 4,066 | 27,407 | 14,285 | 3.513 | 2.004 | 2,029 |

SIC 3982 HARD SURFACE FLOOR COVERINGS

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS | WAGES (\$1,000) | | | |
| 1958 | 7,999 | 41,924 | 6,722 | 14,034 | 34,113 | 93,145 | 181,584 | 5,443 |
| 1959 | 8,042 | 44,768 | 6,788 | 14,260 | 36,330 | 110,892 | 206,520 | N.A. |
| 1960 | 7,086 | 39,732 | 5,815 | 11,825 | 31,107 | 96,141 | 183,847 | 7,845 |
| 1961 | 6,569 | 38,168 | 5,298 | 10,845 | 29,390 | 96,857 | 179,708 | 5,651 |
| 1962 | 6,446 | 39,386 | 5,282 | 10,952 | 30,599 | 110,738 | 191,265 | 4,959 |
| 1963 | 6,192 | 38,965 | 4,958 | 10,099 | 29,488 | 118,832 | 204,112 | 4,441 |
| 1964 | 6,299 | 42,330 | 5,073 | 10,671 | 32,304 | 132,451 | 217,650 | 6,780 |
| 1965 | 6,175 | 42,309 | 5,003 | 10,404 | 32,437 | 139,195 | 227,791 | 10,046 |
| 1966 | 6,302 | 44,846 | 5,098 | 10,789 | 34,375 | 135,187 | 230,307 | 9,266 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 51.3 | 5,241 | 5,075 | 27,013 | 13,857 | 2.730 | 2.431 | 2,088 |
| 1959 | 53.7 | 5,567 | 5,352 | 30,424 | 16,136 | 3.052 | 2.548 | 2,101 |
| 1960 | 52.3 | 5,607 | 5,349 | 31,616 | 16,533 | 3.091 | 2.631 | 2,034 |
| 1961 | 53.9 | 5,810 | 5,547 | 33,920 | 18,282 | 3.296 | 2.710 | 2,047 |
| 1962 | 57.9 | 6,110 | 5,793 | 36,211 | 20,965 | 3.619 | 2.794 | 2,073 |
| 1963 | 58.2 | 6,293 | 5,948 | 41,168 | 23,968 | 4.030 | 2.920 | 2,037 |
| 1964 | 60.9 | 6,720 | 6,368 | 42,904 | 26,109 | 4.100 | 3.027 | 2,103 |
| 1965 | 61.1 | 6,852 | 6,484 | 45,523 | 27,822 | 4.291 | 3.118 | 2,080 |
| 1966 | 58.7 | 7,116 | 6,743 | 45,176 | 26,518 | 3.933 | 3.186 | 2,116 |

SIC 3983 MATCHES

| YEAR | TOTAL EMPLOYMENT | | NUMBER | PRODUCTION WORKERS | | VALUE ADDED (\$1,000) | VALUE SHIPMENTS (\$1,000) | CAPITAL EXPENDITURES (\$1,000) |
|------|------------------|-------------------|--------|--------------------|-----------------|-----------------------|---------------------------|--------------------------------|
| | NUMBER | PAYROLL (\$1,000) | | MAN HOURS | WAGES (\$1,000) | | | |
| 1958 | 5,127 | 21,097 | 4,350 | 8,505 | 16,400 | 41,776 | 67,018 | 942 |
| 1959 | 5,415 | 22,983 | 4,649 | 9,472 | 17,972 | 44,984 | 74,105 | N.A. |
| 1960 | 5,213 | 22,292 | 4,507 | 9,351 | 17,736 | 44,147 | 71,137 | 1,159 |
| 1961 | 4,940 | 21,953 | 4,230 | 8,394 | 17,437 | 36,491 | 62,551 | 1,579 |
| 1962 | 4,804 | 21,568 | 4,111 | 7,984 | 17,279 | 38,776 | 63,458 | 3,243 |
| 1963 | 4,647 | 21,659 | 3,988 | 7,790 | 17,268 | 38,666 | 64,131 | 1,876 |
| 1964 | 4,182 | 21,013 | 3,491 | 6,809 | 16,374 | 42,138 | 63,687 | 838 |
| 1965 | 4,155 | 21,021 | 3,463 | 6,756 | 16,671 | 38,874 | 64,291 | 336 |
| 1966 | 3,673 | 20,339 | 3,091 | 5,995 | 16,099 | 36,642 | 59,763 | 558 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN-HOURS PER PRODUCTION WORKER |
|------|-------------------------------------|---------------------------|----------------------------------|---|--|---------------------------------|---|--|
| 1958 | 62.3 | 4,115 | 3,770 | 15,406 | 9,604 | 2.547 | 1.928 | 1,955 |
| 1959 | 60.7 | 4,244 | 3,866 | 15,940 | 9,676 | 2.503 | 1.897 | 2,037 |
| 1960 | 62.1 | 4,276 | 3,935 | 15,784 | 9,795 | 2.489 | 1.897 | 2,075 |
| 1961 | 58.3 | 4,444 | 4,122 | 14,787 | 8,627 | 2.093 | 2.077 | 1,984 |
| 1962 | 61.1 | 4,490 | 4,203 | 15,436 | 9,432 | 2.244 | 2.164 | 1,942 |
| 1963 | 60.3 | 4,661 | 4,330 | 16,081 | 9,696 | 2.239 | 2.217 | 1,953 |
| 1964 | 66.2 | 5,025 | 4,690 | 18,243 | 12,070 | 2.573 | 2.405 | 1,950 |
| 1965 | 60.5 | 5,059 | 4,814 | 18,565 | 11,226 | 2.332 | 2.468 | 1,951 |
| 1966 | 61.3 | 5,537 | 5,208 | 19,335 | 11,854 | 2.276 | 2.685 | 1,940 |

SIC 3984 CANDLES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 2,516 | 9,268 | 1,877 | 3,572 | 5,411 | 17,668 | 33,802 | 482 |
| 1959 | 2,631 | 9,781 | 1,977 | 3,704 | 5,726 | 18,724 | 35,093 | N.A. |
| 1960 | 2,725 | 10,341 | 2,053 | 3,859 | 6,082 | 19,874 | 37,137 | 404 |
| 1961 | 2,778 | 10,547 | 2,094 | 3,898 | 6,235 | 20,499 | 37,859 | 550 |
| 1962 | 2,829 | 11,124 | 2,101 | 3,909 | 6,486 | 21,304 | 39,298 | 449 |
| 1963 | 3,167 | 13,225 | 2,375 | 4,553 | 7,884 | 26,306 | 45,515 | 773 |
| 1964 | 3,381 | 13,784 | 2,550 | 4,938 | 8,005 | 27,484 | 47,787 | 499 |
| 1965 | 3,486 | 14,493 | 2,667 | 4,983 | 8,846 | 26,840 | 50,336 | 795 |
| 1966 | 3,620 | 15,528 | 2,743 | 5,189 | 9,284 | 29,170 | 53,257 | 864 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 52.3 | 3,684 | 2,883 | 18,009 | 9,413 | 3.265 | 1.515 | 1,903 |
| 1959 | 53.4 | 3,718 | 2,896 | 17,751 | 9,471 | 3.270 | 1.546 | 1,874 |
| 1960 | 53.5 | 3,795 | 2,962 | 18,089 | 9,680 | 3.268 | 1.576 | 1,880 |
| 1961 | 54.1 | 3,797 | 2,978 | 18,080 | 9,789 | 3.288 | 1.600 | 1,862 |
| 1962 | 54.2 | 3,932 | 3,087 | 18,704 | 10,140 | 3.285 | 1.659 | 1,861 |
| 1963 | 57.8 | 4,176 | 3,320 | 19,164 | 11,076 | 3.337 | 1.732 | 1,917 |
| 1964 | 57.5 | 4,077 | 3,171 | 18,740 | 10,778 | 3.399 | 1.637 | 1,936 |
| 1965 | 53.3 | 4,157 | 3,317 | 18,874 | 10,064 | 3.034 | 1.775 | 1,868 |
| 1966 | 54.8 | 4,290 | 3,385 | 19,416 | 10,634 | 3.142 | 1.789 | 1,892 |

SIC 3987 LAMP SHADES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 3,895 | 11,401 | 3,434 | 6,439 | 9,185 | 18,577 | 34,066 | 1,237 |
| 1959 | 4,379 | 12,343 | 3,929 | 7,023 | 10,038 | 22,029 | 40,518 | N.A. |
| 1960 | 4,323 | 12,869 | 3,925 | 7,637 | 10,538 | 18,343 | 32,670 | N.A. |
| 1961 | 4,381 | 14,061 | 3,980 | 7,872 | 11,736 | 17,909 | 32,847 | N.A. |
| 1962 | 4,413 | 14,611 | 3,965 | 7,825 | 12,203 | 18,449 | 35,143 | N.A. |
| 1963 | 3,583 | 12,775 | 3,160 | 6,002 | 9,907 | 20,476 | 37,485 | 530 |
| 1964 | 3,723 | 13,162 | 3,280 | 6,143 | 10,059 | 20,748 | 39,207 | N.A. |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | 3,301 | 13,250 | 2,665 | 5,428 | 9,056 | 22,672 | 40,381 | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 54.5 | 2,927 | 2,675 | 9,920 | 5,410 | 2.023 | 1.426 | 1,875 |
| 1959 | 54.4 | 2,819 | 2,555 | 10,313 | 5,607 | 2.195 | 1.429 | 1,787 |
| 1960 | 56.1 | 2,977 | 2,685 | 8,324 | 4,673 | 1.741 | 1.380 | 1,946 |
| 1961 | 54.5 | 3,210 | 2,949 | 8,253 | 4,500 | 1.526 | 1.491 | 1,978 |
| 1962 | 52.5 | 3,311 | 3,078 | 8,863 | 4,553 | 1.512 | 1.559 | 1,974 |
| 1963 | 54.6 | 3,565 | 3,135 | 11,862 | 6,480 | 2.067 | 1.651 | 1,899 |
| 1964 | 52.9 | 3,535 | 3,067 | 11,953 | 6,326 | 2.063 | 1.637 | 1,873 |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | 56.1 | 4,014 | 3,398 | 15,152 | 8,507 | 2.504 | 1.668 | 2,037 |

SIC 3988 MORTICIANS GOODS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 17,362 | 73,736 | 13,805 | 27,760 | 50,004 | 128,879 | 237,773 | 5,754 |
| 1959 | 16,807 | 75,434 | 13,354 | 27,443 | 51,057 | 130,766 | 245,248 | N.A. |
| 1960 | 17,398 | 78,546 | 13,787 | 29,386 | 53,621 | 145,555 | 260,872 | N.A. |
| 1961 | 16,971 | 79,745 | 13,495 | 28,827 | 53,226 | 145,810 | 264,067 | N.A. |
| 1962 | 16,994 | 82,103 | 13,619 | 29,310 | 54,773 | 151,881 | 280,323 | N.A. |
| 1963 | 17,283 | 86,218 | 13,545 | 27,507 | 58,447 | 158,422 | 290,036 | 5,455 |
| 1964 | 16,768 | 86,890 | 12,635 | 26,626 | 55,968 | 150,411 | 281,881 | 6,770 |
| 1965 | 17,005 | 89,672 | 13,384 | 27,422 | 59,136 | 173,027 | 302,616 | 6,743 |
| 1966 | 16,960 | 89,961 | 12,643 | 25,815 | 57,905 | 182,437 | 319,126 | 7,682 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 54.2 | 4,247 | 3,666 | 17,224 | 9,336 | 2.547 | 1.823 | 2,011 |
| 1959 | 53.3 | 4,488 | 3,823 | 18,365 | 9,792 | 2.561 | 1.860 | 2,055 |
| 1960 | 55.8 | 4,515 | 3,889 | 18,922 | 10,557 | 2.715 | 1.825 | 2,131 |
| 1961 | 55.2 | 4,699 | 3,944 | 19,568 | 10,805 | 2.739 | 1.846 | 2,136 |
| 1962 | 54.2 | 4,831 | 4,022 | 20,583 | 11,152 | 2.773 | 1.869 | 2,152 |
| 1963 | 54.6 | 4,989 | 4,315 | 21,413 | 11,696 | 2.711 | 2.125 | 2,031 |
| 1964 | 53.4 | 5,182 | 4,430 | 22,310 | 11,904 | 2.687 | 2.102 | 2,107 |
| 1965 | 57.2 | 5,273 | 4,418 | 22,610 | 12,928 | 2.926 | 2.157 | 2,049 |
| 1966 | 57.2 | 5,304 | 4,580 | 25,241 | 14,430 | 3.151 | 2.243 | 2,042 |

SIC 3992 FURS, DRESSED & DYED

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 2,696 | 16,231 | 2,260 | 3,924 | 13,108 | 24,112 | 29,152 | N.A. |
| 1959 | 2,636 | 15,837 | 2,198 | 3,695 | 13,268 | 24,524 | 30,210 | N.A. |
| 1960 | 2,372 | 13,655 | 1,944 | 3,406 | 10,944 | 22,467 | 28,145 | N.A. |
| 1961 | 2,179 | 13,837 | 1,766 | 2,857 | 10,956 | 21,598 | 27,099 | N.A. |
| 1962 | 2,356 | 16,000 | 1,910 | 3,167 | 12,748 | 25,683 | 32,205 | N.A. |
| 1963 | 2,577 | 20,092 | 2,129 | 4,113 | 16,383 | 30,240 | 42,007 | 227 |
| 1964 | 2,562 | 19,502 | 1,984 | 3,834 | 15,834 | 25,507 | 40,116 | 316 |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 82.7 | 6,020 | 5,800 | 12,899 | 10,669 | 1.839 | 3.340 | 1,736 |
| 1959 | 81.2 | 6,008 | 6,036 | 13,744 | 11,157 | 1.848 | 3.591 | 1,681 |
| 1960 | 79.8 | 5,757 | 5,630 | 14,478 | 11,557 | 2.053 | 3.213 | 1,752 |
| 1961 | 79.7 | 6,350 | 6,204 | 15,345 | 12,730 | 1.971 | 3.835 | 1,618 |
| 1962 | 79.7 | 6,791 | 6,674 | 16,861 | 13,447 | 2.015 | 4.025 | 1,658 |
| 1963 | 72.0 | 7,797 | 7,695 | 19,731 | 14,704 | 1.846 | 3.783 | 1,932 |
| 1964 | 63.6 | 7,612 | 7,981 | 20,220 | 12,856 | 1.611 | 4.130 | 1,932 |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

SIC 3993 SIGNS & ADVERTISING DISPLAYS

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 36,170 | 173,028 | 27,949 | 53,572 | 118,887 | 281,168 | 457,025 | 13,505 |
| 1959 | 38,662 | 188,259 | 30,293 | 57,904 | 128,504 | 307,151 | 501,379 | N.A. |
| 1960 | 39,923 | 203,136 | 31,008 | 60,843 | 139,024 | 329,897 | 539,723 | N.A. |
| 1961 | 39,843 | 204,448 | 30,827 | 60,314 | 137,831 | 336,498 | 557,095 | N.A. |
| 1962 | 41,297 | 223,769 | 31,436 | 62,249 | 149,430 | 378,196 | 608,965 | N.A. |
| 1963 | 43,476 | 242,593 | 33,139 | 64,837 | 163,538 | 407,478 | 646,772 | 15,042 |
| 1964 | 43,151 | 259,680 | 32,817 | 65,281 | 171,194 | 455,665 | 713,113 | N.A. |
| 1965 | 46,157 | 269,837 | 39,105 | 71,415 | 179,405 | 444,350 | 742,933 | 19,372 |
| 1966 | 48,327 | 294,152 | 40,553 | 76,251 | 202,321 | 495,945 | 818,583 | 20,394 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 61.5 | 4,784 | 4,254 | 16,352 | 10,060 | 2.365 | 2.219 | 1,917 |
| 1959 | 61.3 | 4,869 | 4,242 | 16,551 | 10,139 | 2.390 | 2.219 | 1,911 |
| 1960 | 61.1 | 5,088 | 4,483 | 17,406 | 10,639 | 2.373 | 2.285 | 1,962 |
| 1961 | 60.4 | 5,131 | 4,471 | 18,072 | 10,916 | 2.441 | 2.285 | 1,957 |
| 1962 | 62.1 | 5,419 | 4,753 | 19,372 | 12,031 | 2.531 | 2.401 | 1,980 |
| 1963 | 63.0 | 5,580 | 4,935 | 19,517 | 12,296 | 2.492 | 2.522 | 1,957 |
| 1964 | 63.9 | 6,018 | 5,217 | 21,730 | 13,885 | 2.662 | 2.622 | 1,989 |
| 1965 | 59.8 | 5,846 | 4,588 | 18,998 | 11,363 | 2.477 | 2.512 | 1,826 |
| 1966 | 60.6 | 6,087 | 4,989 | 20,186 | 12,230 | 2.451 | 2.653 | 1,880 |

SIC 3995 UMBRELLAS, PARASOLS & CANES

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | | VALUE | VALUE | CAPITAL |
|------|------------------|----------------------|--------------------|----------------------|--------------------|--------------------|------------------------|---------------------------|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) |
| 1958 | 2,932 | 10,129 | 2,591 | 4,929 | 7,548 | 16,602 | 35,161 | N.A. |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 2,604 | 10,151 | 2,261 | 4,325 | 7,416 | 16,101 | 36,630 | 190 |
| 1964 | 2,473 | 9,768 | 2,100 | 4,832 | 6,863 | 14,155 | 37,032 | N.A. |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | 2,088 | 9,936 | 1,779 | 3,202 | 7,125 | 19,625 | 40,272 | 85 |

| YEAR | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER DOLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER |
|------|--|------------------------------------|--|---|--|--|---|--|
| 1958 | 47.2 | 3,455 | 2,913 | 13,570 | 6,408 | 2.200 | 1.531 | 1,902 |
| 1959 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1960 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1961 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1962 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1963 | 44.0 | 3,898 | 3,280 | 16,201 | 7,121 | 2.171 | 1.715 | 1,913 |
| 1964 | 38.2 | 3,950 | 3,268 | 17,634 | 6,740 | 2.063 | 1.420 | 2,301 |
| 1965 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| 1966 | 48.7 | 4,759 | 4,005 | 22,637 | 11,031 | 2.754 | 2.225 | 1,800 |

SIC 3999 MISCELLANEOUS PRODUCTS, NEC

| YEAR | TOTAL EMPLOYMENT | | PRODUCTION WORKERS | | VALUE | | VALUE | | CAPITAL | |
|------|--|------------------------------------|--|---|--|--|---|--|---------|--|
| | NUMBER | PAYROLL (\$1,000) | NUMBER | MAN HOURS (\$1,000) | WAGES (\$1,000) | ADDED (\$1,000) | SHIPMENTS (\$1,000) | EXPENDITURES (\$1,000) | | |
| 1958 | 27,285 | 109,053 | 21,890 | 42,116 | 76,299 | 192,313 | 358,076 | 7,317 | | |
| 1959 | 28,249 | 108,568 | 22,574 | 43,676 | 75,007 | 183,584 | 362,057 | N.A. | | |
| 1960 | 25,698 | 167,988 | 20,191 | 40,478 | 72,683 | 194,861 | 379,686 | N.A. | | |
| 1961 | 25,547 | 106,961 | 20,200 | 40,801 | 72,504 | 192,051 | 380,610 | N.A. | | |
| 1962 | 25,899 | 115,711 | 20,382 | 40,421 | 76,527 | 235,314 | 449,145 | N.A. | | |
| 1963 | 30,138 | 129,350 | 24,534 | 47,811 | 91,085 | 252,170 | 458,471 | N.A. | | |
| 1964 | 31,633 | 144,260 | 25,647 | 52,787 | 100,722 | 274,130 | 500,200 | N.A. | | |
| 1965 | 33,126 | 149,698 | 27,309 | 54,653 | 105,742 | 287,655 | 538,890 | 15,535 | | |
| 1966 | 32,109 | 146,030 | 26,210 | 52,021 | 102,704 | 271,655 | 528,931 | N.A. | | |
| | VALUE ADDED AS PERCENT OF SHIPMENTS | PAYROLL PER EMPLOYEE (\$) | WAGES PER PRODUCTION WORKER (\$) | VALUE OF SHIPMENTS PER PRODUCTION WORKER (\$) | VALUE ADDED PER PRODUCTION WORKER (\$) | VALUE ADDED PER COLLAR OF WAGES (\$) | WAGES PER PRODUCTION WORKER MAN-HOUR (\$) | ANNUAL MAN- HOURS PER PRODUCTION WORKER | | |
| 1958 | 53.7 | 3,997 | 3,486 | 16,358 | 8,785 | 2.521 | 1.812 | 1,924 | | |
| 1959 | 50.7 | 3,843 | 3,323 | 16,039 | 8,133 | 2.448 | 1.717 | 1,935 | | |
| 1960 | 51.3 | 6,537 | 3,600 | 18,805 | 9,651 | 2.681 | 1.796 | 2,005 | | |
| 1961 | 50.5 | 4,187 | 3,589 | 18,842 | 9,507 | 2.649 | 1.777 | 2,020 | | |
| 1962 | 52.4 | 4,468 | 3,755 | 22,036 | 11,545 | 3.075 | 1.893 | 1,983 | | |
| 1963 | 55.0 | 4,292 | 3,713 | 18,687 | 10,278 | 2.769 | 1.905 | 1,949 | | |
| 1964 | 54.8 | 4,560 | 3,927 | 19,503 | 10,689 | 2.722 | 1.908 | 2,058 | | |
| 1965 | 53.4 | 4,519 | 3,872 | 19,733 | 10,533 | 2.720 | 1.935 | 2,001 | | |
| 1966 | 51.4 | 4,548 | 3,919 | 20,181 | 10,365 | 2.645 | 1.974 | 1,985 | | |

Table II-5.--LEATHER, STONE AND MISCELLANEOUS MANUFACTURING INDUSTRIES, RANKED BY GROWTH IN VALUE OF SHIPMENTS, 1958-66

| Rank | SIC code | Description | Value of shipments (\$thousands) | | Ratio 1966/1958 |
|------|----------|---|-------------------------------------|-----------|--------------------|
| | | | 1958 | 1966 | |
| | | LEATHER AND LEATHER PRODUCTS | | | |
| 1 | 3151 | Leather gloves..... | 54,155 | 89,628 | 1.655 |
| 2 | 3199 | Leather goods, n.e.c..... | 60,178 | 90,918 | 1.511 |
| 3 | 3161 | Luggage..... | 184,722 | 275,817 | 1.493 |
| 4 | 3142 | House slippers..... | 112,145 | 161,961 | 1.444 |
| 5 | 3172 | Small leather goods..... | 138,052 | 195,836 | 1.419 |
| 6 | 3141 | Footwear, except rubber..... | 2,648,857 | 2,650,092 | 1.293 |
| 7 | 3111 | Leather tanning and finishing..... | 743,124 | 940,487 | 1.266 |
| 8 | 3171 | Handbags and purses..... | 231,110 | 291,894 | 1.263 |
| 9 | 3131 | Footwear cut stock..... | 256,652 | 282,825 | 1.102 |
| 10 | 3121 | Industrial leather belting and packing..... | 66,560 | 53,132 | 0.798 |
| | | STONE, CLAY AND GLASS PRODUCTS | | | |
| 1 | 3229 | Pressed and blown glass, n.e.c..... | 445,361 | 926,603 | 2.081 |
| 2 | 3291 | Abrasive products..... | 490,752 | 1,015,601 | 2.069 |
| 3 | 3264 | Porcelain electrical supplies..... | 97,475 | 197,070 | 2.022 |
| 4 | 3299 | Nonmetallic minerals, n.e.c..... | 58,947 | 115,935 | 1.967 |
| 5 | 3296 | Mineral wool..... | 240,922 | 460,963 | 1.913 |
| 6 | 3297 | Nonclay refractories..... | 177,643 | 333,074 | 1.875 |
| 7 | 3293 | Gaskets and insulations..... | 188,684 | 353,720 | 1.875 |
| 8 | 3211 | Flat glass..... | 384,711 | 638,123 | 1.659 |
| 9 | 3272 | Concrete products..... | 720,111 | 1,189,710 | 1.652 |
| 10 | 3255 | Clay refractories..... | 163,478 | 267,122 | 1.634 |
| 11 | 3231 | Products of purchased glass..... | 468,809 | 754,134 | 1.609 |
| 12 | 3274 | Lime..... | 130,948 | 197,861 | 1.511 |
| 13 | 3273 | Ready-mixed concrete..... | 1,687,151 | 2,527,784 | 1.498 |
| 14 | 3271 | Concrete block and brick..... | 413,670 | 585,940 | 1.416 |
| 15 | 3221 | Glass containers..... | 862,117 | 1,207,461 | 1.401 |
| 16 | 3269 | Pottery products, n.e.c..... | 78,800 | 110,292 | 1.400 |
| 17 | 3251 | Brick and structural tile..... | 286,709 | 386,781 | 1.349 |
| 18 | 3295 | Minerals, ground or treated..... | 219,086 | 292,059 | 1.333 |
| 19 | 3292 | Asbestos products..... | 453,488 | 591,100 | 1.303 |
| 20 | 3261 | Vitreous plumbing fixtures..... | 142,683 | 180,683 | 1.266 |
| 21 | 3262 | Vitreous china food utensils..... | 47,695 | 59,994 | 1.258 |
| 22 | 3253 | Ceramic wall and floor tile..... | 135,470 | 162,053 | 1.196 |
| 23 | 3241 | Cement, hydraulic..... | 1,073,494 | 1,253,424 | 1.168 |
| 24 | 3259 | Structural clay products, n.e.c..... | 134,928 | 155,700 | 1.154 |
| 25 | 3281 | Cut stone and stone products..... | 206,264 | 224,210 | 1.087 |
| 26 | 3275 | Gypsum products..... | 364,947 | 394,438 | 1.081 |
| 27 | 3263 | Earthenware food utensils..... | 50,230 | 47,599 | 0.948 |
| | | MISCELLANEOUS MANUFACTURING INDUSTRIES | | | |
| 1 | 3953 | Marking devices..... | 59,923 | 162,173 | 2.706 |
| 2 | 3941 | Games and toys..... | 544,056 | 1,157,167 | 2.127 |
| 3 | 3911 | Jewelry, precious metal..... | 327,251 | 693,810 | 2.120 |
| 4 | 3912 | Jewelers findings and materials..... | 57,475 | 108,215 | 1.883 |
| 5 | 3964 | Needles, pins and fasteners..... | 220,517 | 409,313 | 1.856 |
| 6 | 3931 | Musical instruments and parts..... | 236,750 | 437,267 | 1.847 |
| 7 | 3913 | Lapidary work..... | 40,428 | 74,551 | 1.844 |
| 8 | 3993 | Signs and advertising displays..... | 457,025 | 818,583 | 1.791 |
| 9 | 3914 | Silverware and plated ware..... | 196,055 | 325,116 | 1.658 |
| 10 | 3952 | Lead pencils and art goods..... | 98,494 | 159,554 | 1.620 |
| 11 | 3984 | Candles..... | 33,802 | 53,257 | 1.576 |
| 12 | 3955 | Carbon paper and inked ribbons..... | 126,013 | 196,472 | 1.559 |
| 13 | 3999 | Miscellaneous products, n.e.c..... | 358,076 | 528,931 | 1.477 |
| 14 | 3951 | Pens and mechanical pencils..... | 150,279 | 216,401 | 1.440 |

Table II-5.--LEATHER, STONE AND MISCELLANEOUS MANUFACTURING INDUSTRIES, RANKED BY GROWTH IN VALUE OF SHIPMENTS, 1958-66--Con.

| Rank | SIC code | Description | Value of shipments (\$thousands) | | Ratio 1966/1958 |
|------|----------|--|-------------------------------------|---------|--------------------|
| | | | 1958 | 1966 | |
| | | MISCELLANEOUS MANUFACTURING INDUSTRIES--Con. | | | |
| 15 | 3949 | Sporting and athletic goods, n.e.c..... | 577,815 | 826,492 | 1.430 |
| 16 | 3943 | Children's vehicles..... | 70,438 | 95,787 | 1.360 |
| 17 | 3981 | Brooms and brushes..... | 275,722 | 374,357 | 1.358 |
| 18 | 3988 | Morticians' goods..... | 237,773 | 319,126 | 1.342 |
| 19 | 3961 | Costume jewelry..... | 253,809 | 335,014 | 1.320 |
| 20 | 3982 | Hard surface floor coverings..... | 181,584 | 230,307 | 1.268 |
| 21 | 3987 | Lamp shades..... | 34,066 | 40,381 | 1.185 |
| 22 | 3995 | Umbrellas, parasols and canes..... | 35,161 | 40,272 | 1.145 |
| 23 | 3962 | Artificial flowers..... | 64,969 | 73,542 | 1.132 |
| 24 | 3963 | Buttons..... | 68,609 | 72,938 | 1.063 |
| 25 | 3942 | Dolls..... | 161,924 | 150,204 | 0.928 |
| 26 | 3983 | Matches..... | 67,018 | 59,763 | 0.892 |
| 27 | 3992 | Furs, dressed and dyed..... | 29,152 | n.a. | n.a. |

TABLE II-6.-VALUE OF SHIPMENTS OF PRODUCT CLASSES, LEATHER, CLAY, AND MISCELLANEOUS MANUFACTURING, 1958-1966
(MILLIONS OF DOLLARS)

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------------------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| LEATHER AND LEATHER PRODUCTS | | | | | | | | | | | |
| 3111- | TANNED & FINISHED LEATHER | 634 | 766 | 682 | 650 | 656 | 636 | 658 | 726 | 799 | 1.26 |
| 31111 | FINISHED CATTLE HIDE & KIP SIDE LEATHERS | 411 | 498 | 451 | 441 | 450 | 397 | 415 | 458 | 536 | 1.30 |
| 31112 | FINISHED CALF & WHOLE KIP LEATHERS | 63 | 63 | 57 | 61 | 57 | 52 | 56 | 61 | 49 | .78 |
| 31113 | FINISHED SHEEP & LAMB LEATHERS | 57 | NA | NA | 59 | 59 | 70 | 70 | 76 | 86 | 1.52 |
| 31114 | OTHER FINISHED LEATHERS, N.E.C. | 69 | NA | NA | 61 | 59 | 69 | 68 | 85 | 86 | 1.24 |
| 31115 | ROUGH, RUSSET, & CRUST LEATHER, NOT FINISHED IN THIS ESTABLISHMENT | 27 | NA | NA | NA | NA | 23 | 25 | *28 | *34 | *1.29 |
| 31110 | LEATHER TANNING & FINISHING, N.S.K. | 8 | NA | NA | NA | NA | 24 | 23 | *18 | *8 | NC |
| 3121- | INDUSTRIAL LEATHER BELTING & PACKING | 60 | 84 | 75 | 68 | 78 | 51 | 54 | 53 | 47 | .79 |
| 31210 | INDUSTRIAL LEATHER BELTING & PACKING | 60 | 84 | 75 | 68 | 78 | 51 | 54 | 53 | 47 | .79 |
| 3131- | BOOT & SHOE CUT STOCK & FINDINGS | 239 | 275 | 263 | 265 | 257 | 216 | 205 | 228 | 248 | 1.04 |
| 31310 | BOOT & SHOE CUT STOCK & FINDINGS | 239 | 275 | 263 | 265 | 257 | 216 | 205 | 228 | 248 | 1.04 |
| 3141- | SHOES, EXC. RUBBER | 2,013 | 2,229 | 2,097 | 2,105 | 2,196 | 2,197 | 2,334 | 2,382 | 2,579 | 1.28 |
| 31411 | MEN'S DRESS SHOES, INC. PLAY SHOES | 472 | 533 | 462 | 474 | 507 | 531 | 575 | 602 | 678 | 1.43 |
| 31412 | MEN'S WORK SHOES | 147 | 175 | 157 | 171 | 191 | 175 | 205 | 204 | 246 | 1.68 |
| 31413 | YOUTHS' & BOYS' SHOES | 82 | 95 | 88 | 90 | 96 | 82 | 84 | 86 | 83 | 1.02 |
| 31414 | WOMEN'S DRESS, WORK & PLAY SHOES | 996 | 1,088 | 1,070 | 1,060 | 1,101 | 1,066 | 1,108 | 1,135 | 1,202 | 1.21 |
| 31415 | MISSSES' & CHILDREN'S SHOES | 192 | 159 | 186 | 180 | 179 | 190 | 207 | 213 | 223 | 1.16 |
| 31416 | INFANTS' & BABIES' SHOES | 76 | 83 | 79 | 72 | 61 | 73 | 76 | 71 | 71 | .93 |
| 31417 | ALL OTHER FOOTWEAR | 47 | 56 | 55 | 59 | 60 | 54 | 55 | 54 | 58 | 1.22 |
| 31410 | SHOES, EXC. RUBBER, N.S.K. | NA | NA | NA | NA | NA | 26 | 24 | *18 | *19 | NC |
| 3142- | HOUSE SLIPPERS | 116 | 130 | 116 | 127 | 132 | 128 | 131 | 150 | 164 | 1.42 |
| 31420 | HOUSE SLIPPERS | 116 | 130 | 116 | 127 | 132 | 128 | 131 | 150 | 164 | 1.42 |
| 3151- | DRESS & WORK GLOVES & MITTENS, ALL LEATHER | 49 | 57 | 55 | 53 | 45 | 62 | 68 | 69 | 76 | 1.55 |
| 31510 | DRESS & WORK GLOVES & MITTENS, ALL LEATHER | 49 | 57 | 55 | 53 | 45 | 62 | 68 | 69 | 76 | 1.55 |
| 3161- | SUITCASES, BRIEFCASES, BAGS, & MUSICAL INSTRUMENT CASES | 180 | NA | 197 | 188 | 211 | 205 | 225 | 253 | 273 | 1.51 |
| 31610 | SUITCASES, BRIEFCASES, BAGS & MUSICAL INSTRUMENT CASES | 180 | NA | 197 | 188 | 211 | 205 | 225 | 253 | 273 | 1.51 |
| 3171- | HANDBAGS & PURSES | 214 | 238 | 238 | 238 | 242 | 266 | 277 | 261 | 286 | 1.34 |
| 31710 | WOMEN'S HANDBAGS & PURSES | 214 | 238 | 238 | 238 | 242 | 266 | 277 | 261 | 286 | 1.34 |
| 3172- | PERSONAL LEATHER GOODS, EXC. HANDBAGS & PURSES | 135 | 145 | 135 | 127 | 140 | 154 | 166 | 180 | 202 | 1.50 |
| 31720 | PERSONAL LEATHER GOODS, EXC. HANDBAGS & PURSES | 135 | 145 | 135 | 127 | 140 | 154 | 166 | 180 | 202 | 1.50 |
| 3199- | SADDLERY, HARNESS & WHIPS & OTHER LEATHER PRODUCTS, N.E.C. | 61 | 64 | 63 | 64 | 68 | 67 | 72 | 81 | 82 | 1.34 |
| 31990 | SADDLERY, HARNESS & WHIPS & OTHER LEATHER PRODUCTS, N.E.C. | 61 | 64 | 63 | 64 | 68 | 67 | 72 | 81 | 82 | 1.34 |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| STONE, CLAY, AND GLASS PRODUCTS | | | | | | | | | | | |
| 3211- | FLAT GLASS | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 32111 | SHEET (WINDOW) GLASS | 92 | 133 | 105 | 110 | 125 | 141 | 145 | 141 | 137 | 1.48 |
| 3211A | PLATE GLASS & OTHER FLAT GLASS (INC. 32112 & 32114) | 201 | 281 | 297 | 240 | 249 | 274 | 292 | 361 | 324 | 1.62 |
| 3211V | LAMINATED GLASS, INC. SAFETY GLASS (INC. 32113 & 32113) | 254 | 369 | 345 | 273 | 306 | 317 | 315 | 368 | 356 | 1.40 |
| 3221- | GLASS CONTAINERS | 842 | 902 | 910 | 944 | 965 | 982 | 1,028 | 1,067 | 1,178 | 1.40 |
| 32210 | GLASS CONTAINERS | 842 | 902 | 910 | 944 | 965 | 982 | 1,028 | 1,067 | 1,178 | 1.40 |
| 3229- | PRESSED & BLOWN GLASS N.E.C. | 448 | 545 | 566 | 573 | 593 | 610 | 715 | 773 | 928 | 2.07 |
| 32291 | TABLE, KITCHEN, ART, & NOVELTY GLASSWARE | 149 | 174 | 189 | 193 | 196 | 216 | 258 | 244 | 257 | 1.73 |
| 32292 | LIGHTING & ELECTRONIC GLASSWARE | 143 | 172 | 170 | 172 | 198 | 210 | 243 | 280 | 375 | 2.62 |
| 32293 | GLASS FIBER | 60 | 84 | 88 | 90 | 90 | 91 | 109 | 128 | 150 | 2.52 |
| 32294 | OTHER PRESSED & BLOWN GLASSWARE | 96 | 115 | 120 | 118 | 109 | 92 | 105 | 121 | 142 | 1.48 |
| 32290 | PRESSED & BLOWN GLASS, N.E.C., N.S.K. | NA | NA | NA | NA | NA | Z | Z | *1 | *4 | NC |
| 3231- | PRODUCTS MADE OF PURCHASED GLASS (SEE ALSO 32113) | ** | ** | ** | ** | ** | ** | ** | ** | ** | NA |
| 32313 | LAMINATED GLASS, INC. SAFETY GLASS (SEE 3211V) | -- | -- | -- | -- | -- | -- | -- | -- | -- | NA |
| 32315 | MIRRORS | 88 | 102 | 93 | 80 | 86 | 123 | 135 | 149 | 151 | 1.72 |
| 32316 | OTHER GLASS PRODUCTS, MADE OF PURCHASED GLASS | 157 | 195 | 193 | 207 | 229 | 275 | 280 | 328 | 372 | 2.37 |
| 32310 | PRODUCTS MADE OF PURCHASED GLASS, N.S.K. | NA | NA | NA | NA | NA | 13 | 12 | 14 | 15 | NC |
| 3241- | CEMENT, HYDRAULIC | 1,063 | 1,163 | 1,072 | 1,082 | 1,103 | 1,163 | 1,191 | 1,241 | 1,245 | 1.17 |
| 32410 | CEMENT, HYDRAULIC | 1,063 | 1,163 | 1,072 | 1,082 | 1,103 | 1,163 | 1,191 | 1,241 | 1,245 | 1.17 |
| 3251- | BRICK & STRUCTURAL TILE | 269 | 294 | 279 | 277 | 296 | 308 | 347 | 362 | 368 | 1.37 |
| 32511 | BRICK, EXC. CERAMIC GLAZED & REFRACTORY | 213 | 241 | 224 | 225 | 246 | 264 | 303 | 322 | 324 | 1.53 |
| 32512 | GLAZED BRICK & STRUCTURAL HOLLOW TILE | 43 | 40 | 40 | 39 | 37 | 36 | 35 | 38 | 37 | .87 |
| 32510 | BRICK & STRUCTURAL TILE, N.S.K. | 13 | NA | NA | NA | NA | 9 | 9 | *3 | *6 | NC |
| 3253- | CERAMIC WALL & FLOOR TILE, INC. QUARRY TILE | 124 | 149 | 141 | 143 | 157 | 143 | 152 | 149 | 139 | 1.12 |
| 32530 | CERAMIC WALL & FLOOR TILE, INC. QUARRY TILE | 124 | 149 | 141 | 143 | 157 | 143 | 152 | 149 | 139 | 1.12 |
| 3255- | CLAY REFRACTORIES | 158 | 174 | 174 | 163 | 163 | 181 | 206 | 226 | 247 | 1.56 |
| 32550 | CLAY REFRACTORIES | 158 | 174 | 174 | 163 | 163 | 181 | 206 | 226 | 247 | 1.56 |
| 3259- | STRUCTURAL CLAY PRODUCTS, N.E.C. | 132 | 145 | 141 | 138 | 138 | 141 | 150 | 140 | 133 | 1.01 |
| 32591 | CLAY SEWER PIPE & FITTINGS | 87 | 98 | 95 | 90 | 89 | 98 | 112 | 105 | 95 | 1.09 |
| 32592 | STRUCTURAL CLAY PRODUCTS, N.E.C. | 45 | 47 | 46 | 49 | 49 | 43 | 39 | *35 | *38 | *.84 |
| 3261- | VITREOUS & SEMIVITREOUS PLUMBING FIXTURES | 131 | 160 | 141 | 128 | 134 | 144 | 155 | 158 | 159 | 1.22 |
| 32610 | VITREOUS & SEMIVITREOUS PLUMBING FIXTURES | 131 | 160 | 141 | 128 | 134 | 144 | 155 | 158 | 159 | 1.22 |
| 3262- | VITREOUS CHINA TABLE & KITCHEN ARTICLES | 47 | 47 | 50 | 45 | 48 | 52 | 56 | 59 | 62 | 1.33 |
| 32620 | VITREOUS CHINA TABLE & KITCHEN ARTICLES | 47 | 47 | 50 | 45 | 48 | 52 | 56 | 59 | 62 | 1.33 |
| 3263- | EARTHENWARE (SEMIVITREOUS) TABLE & KITCHEN ARTICLES | 53 | *63 | *60 | *49 | *50 | 58 | 59 | 51 | 46 | .87 |
| 32630 | EARTHENWARE (SEMIVITREOUS) TABLE & KITCHEN ARTICLES | 53 | *63 | *60 | *49 | *50 | 58 | 59 | 51 | 46 | .87 |
| 3264- | PORCELAIN ELECTRICAL SUPPLIES | 91 | 109 | 110 | 113 | 120 | 121 | 126 | 152 | 181 | 1.99 |
| 32640 | PORCELAIN ELECTRICAL SUPPLIES | 91 | 109 | 110 | 113 | 120 | 121 | 126 | 152 | 181 | 1.99 |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 3269- | POTTERY PRODUCTS, N.E.C. | NA | 78 | 77 | 73 | 78 | 81 | 89 | 90 | 97 | NA |
| 32690 | POTTERY PRODUCTS, N.E.C. | NA | 78 | 77 | 73 | 78 | 81 | 89 | 90 | 97 | NA |
| 3271- | CONCRETE BLOCK & BRICK | 379 | 434 | 432 | 451 | 442 | 472 | 486 | 513 | 522 | 1.38 |
| 32710 | CONCRETE BLOCK & BRICK | 379 | 434 | 432 | 451 | 442 | 472 | 486 | 513 | 522 | 1.38 |
| 3272- | OTHER CONCRETE PRODUCTS | 662 | 704 | 742 | 744 | 785 | 862 | 914 | 1,041 | 1,106 | 1.67 |
| 32721 | CONCRETE PIPE | 295 | 315 | 322 | 318 | 336 | 369 | 380 | 415 | 433 | 1.47 |
| 32720 | OTHER CONCRETE PRODUCTS, N.S.K. | 80 | NA | NA | NA | NA | 54 | 54 | *74 | *81 | NC |
| 3272A | PRECAST & PRESTRESSED CONCRETE PRODUCTS (INC. 32722 & 32723) | 287 | 306 | 336 | 365 | 388 | 438 | 480 | 552 | 592 | 2.06 |
| 3273- | READY MIXED CONCRETE | 1,469 | 1,667 | 1,646 | 1,703 | 1,756 | 1,971 | 1,981 | 2,155 | 2,166 | 1.47 |
| 32730 | READY MIXED CONCRETE | 1,469 | 1,667 | 1,646 | 1,703 | 1,756 | 1,971 | 1,981 | 2,155 | 2,166 | 1.47 |
| 3274- | LIME | 109 | 124 | 124 | 126 | 127 | 137 | 150 | 161 | 158 | 1.45 |
| 32740 | LIME | 109 | 124 | 124 | 126 | 127 | 137 | 150 | 161 | 158 | 1.45 |
| 3275- | GYPSUM PRODUCTS | 344 | 385 | 359 | 353 | 384 | 405 | 421 | 387 | 361 | 1.05 |
| 3275A | GYPSUM PRODUCTS INC. 32751 32752 & 32750 | 344 | 385 | 359 | 353 | 384 | 405 | 421 | 387 | 361 | 1.05 |
| 3281- | CUT STONE & STONE PRODUCTS | 191 | 201 | 189 | *210 | *211 | 191 | 202 | 198 | 205 | 1.07 |
| 32811 | CUT GRANITE & GRANITE PRODUCTS | 88 | 94 | 95 | *98 | *97 | 88 | 96 | 90 | 97 | 1.10 |
| 32812 | CUT LIMESTONE & LIMESTONE PRODUCTS | 35 | 36 | 33 | *36 | *41 | 29 | 30 | *32 | *33 | *.95 |
| 32813 | CUT MARBLE & OTHER CUT STONE PRODUCTS | 56 | 52 | 50 | *50 | *47 | 64 | 66 | *66 | *62 | *1.11 |
| 32810 | CUT STONE & STONE PRODUCTS, N.S.K. | 12 | NA | NA | NA | NA | 10 | 11 | *10 | *13 | NC |
| 3291- | ABRASIVE PRODUCTS | 400 | 510 | 512 | 493 | 556 | 572 | 629 | 729 | 818 | 2.05 |
| 32911 | NONMETALLIC ARTIFICIAL SIZED GRAINS, POWDERS & FLOUR ABRASIVES | 39 | 53 | 51 | 53 | 62 | 74 | 78 | 90 | 101 | 2.59 |
| 32912 | NONMETALLIC BONDED ABRASIVE PRODUCTS, INC. DIAMOND ABRASIVES | 164 | 228 | 220 | 211 | 245 | 247 | 278 | 306 | 353 | 2.15 |
| 32913 | NONMETALLIC COATED ABRASIVE PRODUCTS | 127 | 152 | 159 | 160 | 179 | 176 | 197 | 234 | 258 | 2.02 |
| 32914 | METAL ABRASIVES | 55 | 59 | 62 | 54 | 54 | 63 | 64 | 76 | 80 | 1.46 |
| 32910 | ABRASIVE PRODUCTS, N.S.K. | 14 | NA | NA | NA | NA | 11 | 12 | *23 | *27 | NC |
| 3292- | ASBESTOS PRODUCTS | 420 | 488 | 474 | 464 | 475 | 506 | 540 | 568 | 566 | 1.35 |
| 32922 | ASBESTOS FRICTION MATERIALS | 90 | 112 | 104 | 102 | 112 | 118 | 126 | 137 | 146 | 1.63 |
| 32924 | ASBESTUS-CEMENT SHINGLES & CLAPBOARD | 49 | 50 | 45 | 38 | 37 | 35 | 32 | 31 | 28 | .56 |
| 32925 | ASPHALT FLOOR TILE | 77 | 79 | 72 | 70 | 65 | 59 | 52 | 44 | 33 | .43 |
| 32926 | VINYL ASBESTOS FLOOR TILE | 67 | 92 | 100 | 103 | 111 | 131 | 150 | 158 | 157 | 2.36 |
| 32927 | ASBESTOS TEXTILES & OTHER ASBESTOS & ASBESTOS CEMENT PRODUCTS | 132 | 151 | 147 | 145 | 143 | 162 | 178 | 197 | 200 | 1.52 |
| 32920 | ASBESTOS PRODUCTS, N.S.K. | 5 | NA | NA | NA | NA | 1 | 1 | 1 | 1 | NC |
| 3293- | GASKETS & INSULATIONS | 214 | 246 | 245 | 247 | 253 | 262 | 298 | 300 | 348 | 1.63 |
| 32932 | GASKETS, ALL TYPES | 143 | 181 | 178 | 187 | 191 | 200 | 229 | 228 | 268 | 1.87 |
| 32933 | PACKING, (EXC. LEATHER, RUBBER & METAL) & ASBESTOS INSULATIONS | 62 | 55 | 57 | 51 | 51 | 51 | 57 | 62 | 68 | 1.09 |
| 32930 | GASKETS & INSULATIONS., N.S.K. | 8 | NA | NA | NA | NA | 11 | *12 | 9 | 12 | NC |
| 3295- | MINERALS & EARTHS, GROUND OR OTHERWISE TREATED | 218 | NA | NA | NA | NA | 203 | 208 | 254 | 284 | 1.30 |
| 32950 | MINERALS & EARTHS, GROUND OR OTHERWISE TREATED | 218 | *252 | *238 | *233 | *217 | 203 | 208 | 254 | 284 | 1.30 |
| 3296- | MINERAL WOOL | 236 | NA | NA | NA | NA | 356 | 379 | 414 | 431 | 1.82 |
| 32961 | MINERAL WOOL FOR STRUCTURAL INSULATION | 72 | *98 | *92 | *105 | *121 | 108 | 121 | 127 | 124 | 1.73 |
| 32962 | MINERAL WOOL FOR INDUSTRIAL & EQUIPMENT INSULATION | 142 | *195 | *202 | *224 | *237 | 241 | 252 | 283 | 302 | 2.13 |
| 32960 | MINERAL WOOL, N.S.K. | 23 | NA | NA | NA | NA | 11 | *6 | 4 | 5 | NC |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|------------------------------------|--|------|------|------|------|------|------|------|------|-------|----------------|
| 3297- | NONCLAY REFRACTORIES, EXC. DEAD-BURNED MAGNESIA | 185 | 219 | 226 | 226 | 221 | 257 | 289 | 306 | 331 | 1.79 |
| 32970 | NONCLAY REFRACTORIES, EXC. DEAD-BURNED MAGNESIA | 185 | 219 | 226 | 226 | 221 | 257 | 289 | 306 | 331 | 1.79 |
| 3299- | OTHER NONMETALLIC MINERAL PRODUCTS, N.E.C. | 54 | *79 | *75 | *66 | *66 | 83 | 93 | 108 | 108 | 2.01 |
| 32990 | OTHER NONMETALLIC MINERAL PRODUCTS, N.E.C. | 54 | *79 | *75 | *66 | *66 | 83 | 93 | 108 | 108 | 2.01 |
| <u>MISCELLANEOUS MANUFACTURING</u> | | | | | | | | | | | |
| 3911- | JEWELRY, PRECIOUS METAL | 287 | 296 | 303 | 317 | 341 | 400 | 424 | 538 | 580 | 2.02 |
| 39111 | JEWELRY, MADE OF PLATINUM METALS & CARAT GOLD | 195 | 202 | 204 | 215 | 229 | 286 | 314 | 394 | 419 | 2.15 |
| 39112 | JEWELRY, MADE OF PRECIOUS METALS, EXC. PLATINUM & CARAT GOLD | 74 | 78 | 82 | 86 | 92 | 94 | 87 | 132 | 149 | 2.01 |
| 39110 | JEWELRY, PRECIOUS METAL, N.S.K. | 18 | *16 | *17 | *17 | *20 | 20 | 24 | *12 | *11 | NC |
| 3912- | JEWELERS' FINDINGS & MATERIALS | 57 | 65 | 72 | 74 | 80 | 70 | 76 | 85 | 100 | 1.76 |
| 39120 | JEWELERS' FINDINGS & MATERIALS | 57 | 65 | 72 | 74 | 80 | 70 | 76 | 85 | 100 | 1.76 |
| 3913- | LAPIDARY WORK & DIAMOND CUTTING & POLISHING | 43 | 52 | 46 | 48 | 48 | 68 | 66 | 73 | 79 | 1.82 |
| 39130 | LAPIDARY WORK & DIAMOND CUTTING & POLISHING | 43 | 52 | 46 | 48 | 48 | 68 | 66 | 73 | 79 | 1.82 |
| 3914- | SILVERWARE & PLATED WARE | 179 | 200 | 204 | 207 | 215 | 212 | 236 | 254 | 282 | 1.58 |
| 39141 | SILVERWARE, PLATED & STAINLESS STEEL WARE | 74 | 80 | 84 | 85 | 85 | 90 | 94 | 101 | 115 | 1.55 |
| 39142 | FLATWARE | 97 | 112 | 112 | 113 | 122 | 117 | 137 | 148 | 162 | 1.67 |
| 39140 | SILVERWARE & PLATED WARE, N.S.K. | 7 | *7 | *9 | *9 | *8 | 5 | 5 | 5 | 5 | NC |
| 3931- | MUSICAL INSTRUMENTS & PARTS | 242 | 309 | 289 | 295 | 311 | 319 | 357 | 395 | 434 | 1.79 |
| 39311 | PIANOS | 64 | 81 | 82 | 85 | 92 | 88 | 94 | 99 | 98 | 1.54 |
| 39312 | ORGANS | 79 | 112 | *90 | 93 | 93 | 107 | 118 | 130 | 147 | 1.85 |
| 39313 | PIANO & ORGAN PARTS | 51 | 64 | 59 | 60 | 62 | 42 | 44 | 45 | 53 | 1.03 |
| 39314 | OTHER MUSICAL INSTRUMENTS & PARTS | 48 | 52 | 59 | 58 | 64 | 78 | 99 | 117 | 134 | 2.79 |
| 39310 | MUSICAL INSTRUMENTS & PARTS, N.S.K. | 0 | 0 | 0 | 0 | 0 | 4 | *2 | *4 | *3 | NC |
| 3941- | GAMES & TOYS, EXC. DOLLS & CHILDREN'S VEHICLES | 522 | 555 | 568 | 664 | 694 | 764 | 820 | 943 | 1,023 | 1.96 |
| 39410 | GAMES & TOYS, EXC. DOLLS & CHILDREN'S VEHICLES | 522 | 555 | 568 | 664 | 694 | 764 | 820 | 943 | 1,023 | 1.96 |
| 3942- | DOLLS & STUFFED TOY ANIMALS | 162 | 179 | 198 | 214 | 218 | 190 | 209 | 222 | 213 | 1.32 |
| 39420 | DOLLS & STUFFED TOY ANIMALS | 162 | 179 | 198 | 214 | 218 | 190 | 209 | 222 | 213 | 1.32 |
| 3943- | BABY CARRIAGES & CHILDREN'S VEHICLES, EXC. BICYCLES | 73 | 83 | 78 | 71 | 70 | 83 | 86 | 99 | 99 | 1.36 |
| 39430 | BABY CARRIAGES & CHILDREN'S VEHICLES, EXC. BICYCLES | 73 | 83 | 78 | 71 | 70 | 83 | 86 | 99 | 99 | 1.36 |
| 3949- | SPORTING & ATHLETIC GOODS | 520 | 577 | 662 | 743 | 656 | 656 | 662 | 721 | 807 | 1.55 |
| 39491 | FISHING TACKLE & EQUIPMENT | 76 | 76 | 74 | 78 | 78 | 97 | 100 | 110 | 134 | 1.77 |
| 39492 | OTHER SPORTING & ATHLETIC GOODS | 399 | 456 | 553 | 626 | 557 | 525 | 555 | 587 | 646 | 1.62 |
| 39490 | SPORTING & ATHLETIC GOODS, N.S.K. | 45 | *45 | *34 | *38 | *20 | 33 | *8 | *24 | *28 | NC |
| 3951- | PENS, MECHANICAL PENCILS & PENPOINTS | 147 | 145 | 161 | 163 | 165 | 178 | 182 | 191 | 203 | 1.38 |
| 39510 | PENS, MECHANICAL PENCILS & PEN POINTS | 147 | 145 | 161 | 163 | 165 | 178 | 182 | 191 | 203 | 1.38 |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|---|------|------|------|------|------|------|------|------|------|----------------|
| 3952- | LEAD PENCILS & ART GOODS | 89 | 97 | 103 | 100 | 97 | 108 | 113 | 120 | 132 | 1.47 |
| 39521 | LEAD PENCILS & CRAYONS | 65 | 72 | 78 | 68 | 73 | 69 | 72 | 78 | 84 | 1.29 |
| 39522 | ARTISTS' MATERIALS | 24 | 25 | 26 | 32 | 24 | 36 | 40 | 40 | *45 | *1.88 |
| 39520 | LEAD PENCILS & ART GOODS, N.S.K. | 0 | 0 | 0 | 0 | 0 | 2 | *1 | 2 | 2 | NC |
| 3953- | HAND STAMPS, STENCILS & OTHER MARKING DEVICES | 59 | 71 | 79 | 80 | 87 | 107 | 117 | 118 | 137 | 2.33 |
| 39530 | HAND STAMPS, STENCILS, & OTHER MARKING DEVICES | 59 | 71 | 79 | 80 | 87 | 107 | 117 | 118 | 137 | 2.33 |
| 3955- | CARBON PAPER, STENCIL PAPER & INKED RIBBONS | 119 | 124 | 137 | 156 | 170 | 161 | 176 | 192 | 214 | 1.79 |
| 39550 | CARBON PAPER, STENCIL PAPER & INKED RIBBONS | 119 | 124 | 137 | 156 | 170 | 161 | 176 | 192 | 214 | 1.79 |
| 3961- | COSTUME JEWELRY & COSTUME NOVELTIES, EXC. PRECIOUS METALS | 236 | 226 | 230 | 239 | 229 | 257 | 267 | 268 | 291 | 1.23 |
| 39610 | COSTUME JEWELRY & COSTUME NOVELTIES, EXC. PRECIOUS METALS | 236 | 226 | 230 | 239 | 229 | 257 | 267 | 268 | 291 | 1.23 |
| 3962- | FEATHERS, PLUMES, & ARTIFICIAL FLOWERS | 59 | 62 | 60 | 59 | 53 | 59 | 64 | *69 | *69 | *1.16 |
| 39620 | FEATHERS, PLUMES, & ARTIFICIAL FLOWERS | 59 | 62 | 60 | 59 | 53 | 59 | 64 | *69 | *69 | *1.16 |
| 3963- | BUTTONS | 71 | 78 | 73 | 74 | 77 | 82 | 83 | 75 | 72 | 1.01 |
| 39630 | BUTTONS | 71 | 78 | 73 | 74 | 77 | 82 | 83 | 75 | 72 | 1.01 |
| 3964- | NEEDLES, PINS, & FASTENERS | 221 | 231 | 235 | 259 | 293 | 315 | 347 | 363 | 399 | 1.81 |
| 39641 | ZIPPER & SLIDE FASTENERS | 87 | 101 | 79 | 88 | 106 | 143 | 148 | 166 | 179 | 2.05 |
| 39642 | NEEDLES, PINS, FASTENERS (EXC. SLIDE), & SIMILAR NOTIONS | 112 | NA | 130 | 145 | 161 | 156 | 189 | 184 | 210 | 1.88 |
| 39640 | NEEDLES, PINS, & FASTENERS, N.S.K. | 22 | NA | *26 | *27 | *26 | *16 | *10 | *13 | *10 | NC |
| 3981- | BROOMS & BRUSHES | 208 | 227 | 204 | 211 | 236 | 248 | 275 | 294 | 288 | 1.38 |
| 39811 | BROOMS | 34 | NA | 32 | 33 | 33 | 38 | 45 | 41 | 43 | 1.28 |
| 39812 | PAINT & VARNISH BRUSHES | 61 | 66 | 64 | 72 | 81 | 74 | 78 | 86 | 87 | 1.44 |
| 39813 | OTHER BRUSHES | 103 | 116 | 99 | 98 | 112 | 126 | 141 | 155 | 146 | 1.41 |
| 39810 | BROOMS & BRUSHES, N.S.K. | 10 | NA | *8 | *8 | *9 | 10 | *11 | 12 | 12 | NC |
| 3982- | HARD SURFACE FLOOR COVERINGS | 152 | 172 | 159 | 153 | 168 | 168 | 179 | 192 | 195 | 1.28 |
| 39821 | LINOLEUM | 48 | 46 | 38 | 38 | 40 | 34 | 34 | 35 | 30 | .63 |
| 39822 | ASPHALT-FELT-BASE & SUPPORTING PLASTIC FLOOR COVERING | 103 | 125 | 120 | 114 | 119 | 134 | 144 | 156 | 164 | 1.60 |
| 39820 | HARD SURFACE FLOOR COVERINGS, N.S.K. | 1 | *1 | *1 | *2 | *8 | 1 | 1 | 1 | 0 | NC |
| 3983- | MATCHES | 68 | 75 | 72 | 64 | 65 | 65 | 65 | 65 | 61 | .90 |
| 39830 | MATCHES | 68 | 75 | 72 | 64 | 65 | 65 | 65 | 65 | 61 | .90 |
| 3984- | CANDLES | 32 | 33 | 35 | 36 | 37 | 44 | 46 | 48 | 51 | 1.60 |
| 39840 | CANDLES | 32 | 33 | 35 | 36 | 37 | 44 | 46 | 48 | 51 | 1.60 |
| 3987- | LAMP SHADES | 34 | 41 | 33 | 33 | 35 | 36 | 37 | *38 | *40 | *1.18 |
| 39870 | LAMP SHADES | 34 | 41 | 33 | 33 | 35 | 36 | 37 | *38 | *40 | *1.18 |
| 3988- | MORTICIANS' GOODS | 218 | 212 | 226 | 231 | 241 | 267 | 257 | 276 | 295 | 1.35 |
| 39881 | METAL CASKETS & COFFINS, COMPLETELY LINED & TRIMMED | 85 | 92 | 99 | 100 | 113 | 124 | 114 | 143 | 161 | 1.89 |
| 39882 | WOOD CASKETS & COFFINS, COMPLETELY LINED & TRIMMED | 70 | 62 | 65 | 64 | 67 | 67 | 65 | *59 | *58 | *.82 |
| 39883 | OTHER CASKETS & COFFINS, METAL VAULTS, & MORTICIANS' SUPPLIES | 53 | 50 | 54 | 57 | 53 | 64 | 63 | 66 | *67 | *1.25 |
| 39880 | MORTICIANS' GOODS, N.S.K. | 9 | *8 | *9 | *9 | *8 | 12 | *15 | 8 | *10 | NC |
| 3992- | FURS, DRESSED & DYED | 29 | 14 | 16 | 15 | 15 | 44 | 41 | *51 | *42 | *1.47 |
| 39920 | FURS, DRESSED & DYED | 29 | 14 | 16 | 15 | 15 | 44 | 41 | *51 | *42 | *1.47 |

| CODE | CLASS OF PRODUCT | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | RATIO 66/58 |
|-------|---|------|------|------|------|------|------|------|------|------|----------------|
| 3993- | SIGNS & ADVERTISING DISPLAYS | 408 | 437 | 466 | 482 | 501 | 584 | 661 | 677 | 736 | 1.80 |
| 39931 | LUMINOUS TUBING & BULB SIGNS | 100 | 121 | 136 | 150 | 151 | 145 | 160 | 174 | 174 | 1.74 |
| 39932 | NONELECTRIC SIGNS & ADVERTISING DISPLAYS | 193 | 192 | 205 | 208 | 208 | 302 | 326 | 331 | 380 | 1.96 |
| 39933 | ADVERTISING NOVELTIES | 64 | 75 | 79 | 77 | 85 | 84 | *107 | 104 | 126 | 1.95 |
| 39930 | SIGNS & ADVERTISING DISPLAYS, N.S.K. | 50 | *49 | *47 | *47 | *57 | 53 | *68 | *69 | *56 | NC |
| 3995- | UMBRELLAS, PARASOLS, & CANES | 35 | NA | 34 | 39 | *34 | 34 | 34 | *33 | *36 | *1.04 |
| 39950 | UMBRELLAS, PARASOLS, & CANES | 35 | NA | 34 | 39 | *34 | 34 | 34 | *33 | *36 | *1.04 |
| 3999- | MISCELLANEOUS PRODUCTS, N.E.C. | 357 | 353 | 350 | 349 | 404 | 472 | 499 | 561 | 559 | 1.56 |
| 39991 | CHEMICAL FIRE EXTINGUISHING EQUIPMENT & PARTS | 47 | 56 | 54 | 54 | 59 | 52 | 54 | 55 | 57 | 1.22 |
| 39992 | COIN-OPERATED AMUSEMENT MACHINES | 39 | 32 | 30 | 28 | 35 | 30 | 37 | 27 | 30 | .77 |
| 3999A | OTHER MISCELLANEOUS FABRICATED PRODUCTS, (INC. 39993 & 39990) | 271 | 266 | 266 | 267 | 310 | 390 | 408 | 479 | 472 | 1.74 |

Table II-7.--IMPORTS-LEATHER, STONE, CLAY, AND GLASS; AND MISCELLANEOUS MANUFACTURING, 1958-66

| Product code | Title | Imports, for consumption (million dollars) | | | | | | | | |
|--------------|--|--|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | LEATHER AND LEATHER PRODUCTS | | | | | | | | | |
| 3131 | Leather and leather products, total..... | 306.5 | 256.7 | 213.1 | ¹ 184.3 | ¹ 187.8 | ¹ 141.0 | ¹ 134.7 | ¹ 126.5 | ¹ 89.1 |
| 3111 | Leather..... | 75.3 | 63.9 | 48.2 | 47.0 | 50.6 | 39.0 | 39.6 | 47.2 | 31.0 |
| 3111,2 | Cattle, calf, and kip ² | 43.7 | 33.7 | 26.1 | 25.3 | 29.8 | 23.3 | 23.6 | 29.2 | 18.3 |
| 31113 | Sheep and lamb ⁶ | 7.2 | 6.3 | 5.5 | 21.7 | 20.8 | 15.7 | 16.0 | 18.0 | 12.7 |
| 31114 | Other finished leather, n.e.c. ² | 24.4 | 23.8 | 16.5 | | | | | | |
| 313131 | Footwear cut stock ³ | 1.8 | 2.4 | 1.5 | 1.7 | 1.4 | 1.6 | 1.3 | 0.8 | 0.6 |
| 3141 | Footwear, except house slippers and rubber footwear..... | 126.8 | 96.5 | 84.7 | 76.9 | 76.0 | 57.6 | 51.2 | 42.5 | n.a. |
| 31411-3 | Men's, Youths', and boys' shoes..... | 46.2 | 34.9 | 31.3 | 29.6 | n.a. | n.a. | n.a. | n.a. | n.a. |
| 31414-6 | Women's, misses', children's, and infants' shoes..... | 67.0 | 49.5 | 45.2 | 41.7 | n.a. | n.a. | n.a. | n.a. | n.a. |
| 31417 | Other footwear, except rubber..... | 13.5 | 12.1 | 8.3 | 5.6 | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3142 | House slippers..... | 1.4 | 1.2 | 1.8 | 4.7 | 5.7 | 3.6 | 4.2 | 3.9 | n.a. |
| 3151 | Leather gloves ⁴ | 28.1 | 29.6 | 25.7 | 24.7 | 25.3 | 15.2 | 12.6 | 8.3 | 5.1 |
| 3161 | Luggage..... | 11.9 | 7.9 | 5.7 | 10.9 | 12.4 | 11.0 | 11.1 | 11.7 | 9.1 |
| 3171 | Handbags and purses..... | 37.3 | 33.4 | 27.0 | ⁶ 11.7 | ⁶ 10.7 | 68.3 | 69.9 | 68.4 | 67.2 |
| 3172 | Personal leather goods, n.e.c..... | 15.0 | ⁷ 13.6 | ⁷ 12.5 | 6.6 | 6.5 | 61.9 | 62.2 | 61.6 | 1.1 |
| 3199,3121 | Leather goods, n.e.c..... | 9.0 | 8.2 | 6.1 | 4.2 | 3.2 | 2.8 | 2.6 | 2.1 | 2.3 |
| | STONE, CLAY, AND GLASS PRODUCTS | | | | | | | | | |
| 32 | Stone, clay, and glass products, total ⁸ | 359.8 | 300.7 | 277.1 | 251.0 | 254.3 | 220.7 | 243.0 | 243.2 | n.a. |
| 3211,32313 | Flat glass..... | 58.1 | 48.1 | 52.7 | 43.4 | 51.2 | 47.7 | 50.3 | 58.0 | 35.2 |
| 32111 | Sheet..... | 28.6 | 25.9 | 30.7 | 24.4 | 50.2 | 47.0 | 49.4 | 56.0 | 33.8 |
| 32112,4 | Plate glass and flat glass, n.e.c..... | 28.0 | 21.1 | 21.0 | 18.1 | | | | | |
| 32113,32313 | Laminated..... | 1.5 | 1.1 | 1.0 | 0.9 | 1.0 | 0.7 | 0.9 | 20 | 1.1 |
| 3221 | Glass containers..... | 2.4 | 1.9 | 1.7 | 1.9 | 1.7 | 1.8 | 2.1 | 1.3 | 0.9 |
| 3229,32315,6 | Glass products, n.e.c..... | 51.2 | 42.4 | 36.8 | 33.3 | 33.9 | 28.8 | 27.2 | 28.2 | 31.5 |
| 32292 | Lighting and electronic glassware..... | 11.3 | 8.3 | 6.8 | 5.9 | 5.4 | 4.2 | 4.0 | 4.1 | 2.7 |
| 32293 | Glass fiber..... | 0.4 | 0.1 | (Z) | 0.1 | 0.1 | 0.1 | 0.1 | 0.9 | ..... |
| 32291 | Table, kitchen, art, and novelty glassware | 23.7 | 20.6 | 18.1 | 24.8 | 25.8 | 22.5 | 21.2 | 21.2 | 16.1 |
| 32294,32316 | Other, except mirrors..... | 12.4 | 9.8 | 8.9 | | | | | | |
| 32315 | Mirrors..... | 3.4 | 3.6 | 3.0 | 2.5 | 2.7 | 2.0 | 1.9 | 2.0 | 2.7 |
| 3241 | Cement, hydraulic..... | 17.8 | 13.5 | 9.2 | 10.2 | 13.2 | 9.2 | 10.3 | 13.8 | 9.7 |
| 3253 | Ceramic wall and floor tile..... | 27.7 | 28.5 | 28.9 | 23.4 | 19.4 | 15.0 | 14.5 | 10.7 | 5.8 |
| 3251,9 | Structural clay products ⁹ | 1.2 | 1.1 | 1.1 | 0.9 | 0.7 | 0.9 | 0.8 | 0.8 | 0.5 |
| 3261 | Vitreous plumbing fixtures, fittings, and accessories..... | 1.2 | 1.3 | 1.1 | 0.6 | 0.6 | 0.3 | 0.4 | 0.4 | 0.1 |

See footnotes at end of table.

Table II-7.--IMPORTS--LEATHER, STONE, CLAY, AND GLASS; AND MISCELLANEOUS MANUFACTURING, 1958-66--Con.

| Product code | Title | Imports for consumption (million dollars) | | | | | | | | |
|-------------------|--|---|--------|--------|---------|---------|---------|---------|---------|-------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | STONE, CLAY, AND GLASS PRODUCTS--Con. | | | | | | | | | |
| 3262 | Vitreous china table and kitchen articles..... | 33.2 | 30.8 | 27.7 | 20.8 | 24.8 | 21.1 | 23.4 | 21.8 | 17.8 |
| 3263 | Fine earthenware table and kitchen articles.... | 22.3 | 18.5 | 16.8 | 14.8 | 13.6 | 11.7 | 13.0 | 11.6 | 9.0 |
| 3264 | Porcelain and other ceramic electrical supplies | 16.4 | 6.6 | 3.4 | 27.4 | 21.7 | 20.8 | 28.3 | 23.6 | 19.7 |
| 3269 | Pottery products, n.e.c..... | 25.5 | 25.7 | 23.8 | 1.2 | 0.9 | 0.7 | 0.8 | 0.6 | 0.4 |
| 3271, 3272 | Concrete products..... | 1.3 | 1.3 | 1.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3273 | Ready-mixed concrete..... | 0.1 | (Z) | (Z) | 1.2 | 1.0 | 0.5 | 0.3 | 0.5 | 0.7 |
| 3274 | Lime..... | 3.8 | 5.0 | 2.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3275 | Gypsum products..... | 0.1 | (Z) | (Z) | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3281 | Cut stone and stone products..... | 15.0 | 14.8 | 17.7 | 14.1 | 12.4 | 8.7 | 7.9 | 7.2 | n.a. |
| 32811 | Cut granite and granite products..... | 1.2 | 1.3 | 1.6 | 1.5 | 1.1 | 0.8 | 1.0 | 1.0 | 0.7 |
| 32812 | Cut limestone and limestone products..... | 1.6 | 1.4 | 1.7 | 12.6 | 11.3 | 7.9 | 6.9 | 6.2 | n.a. |
| 32813 | Cut marble and other cut stone..... | 12.2 | 12.1 | 14.4 | | | | | | |
| 3291 | Abrasive products..... | 45.6 | 34.7 | 28.9 | 27.0 | 28.2 | 27.4 | 32.2 | 28.4 | 21.1 |
| 32911 | Nonmetallic artificial sized grains, powders | 7.0 | 3.3 | 2.0 | 2.1 | 1.9 | 0.5 | 0.5 | 0.6 | n.a. |
| 32912 | Nonmetallic bonded abrasive products ¹⁰ | 34.2 | 28.4 | 24.9 | 22.9 | 23.9 | 25.0 | 29.7 | 26.2 | 19.9 |
| 32913 | Nonmetallic coated abrasive products..... | 4.2 | 2.7 | 1.8 | 1.5 | 1.6 | 1.3 | 1.5 | 1.0 | 0.7 |
| 32914 | Metal abrasives..... | 0.3 | 0.3 | 0.2 | 0.5 | 0.7 | 0.6 | 0.5 | 0.6 | 0.3 |
| 32922, 4, 7; 3293 | Asbestos products and friction materials ¹¹ | 10.9 | 9.8 | 8.3 | 8.6 | 6.3 | 5.2 | 6.8 | 5.2 | n.a. |
| 3295 | Minerals, ground or treated ¹² | 8.1 | 4.2 | 3.2 | 1.2 | 0.2 | 0.2 | 0.6 | 0.5 | n.a. |
| 3296 | Mineral wool..... | 0.5 | 0.2 | 0.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3297, 3255 | Refractories..... | 7.3 | 5.6 | 4.3 | 3.4 | 2.7 | 2.7 | 3.1 | 3.1 | n.a. |
| 3299 | Nonmetallic mineral products, n.e.c..... | 10.1 | 6.7 | 7.7 | 7.2 | 8.9 | 6.8 | 6.9 | 8.3 | 9.5 |
| 3200 | Miscellaneous nonmetallic mineral products..... | (X) | (X) | (X) | 13,10.4 | 13,12.9 | 13,11.2 | 13,14.1 | 13,19.2 | n.a. |
| | MISCELLANEOUS MANUFACTURES | | | | | | | | | |
| 39 | Miscellaneous manufactures, total..... | 659.5 | 557.7 | 472.0 | 418.7 | 399.9 | 334.1 | 333.6 | 316.9 | n.a. |
| 3911, 2 | Jewelry (precious metal) and jewelers' findings and materials..... | 13.2 | 9.8 | 7.1 | 33.7 | 41.5 | 40.8 | 34.4 | 28.1 | n.a. |
| 3961 | Costume jewelry, except precious metal..... | 30.9 | 24.8 | 28.7 | | | | | | |
| 3913 | Lapidary work ¹⁴ | 188.3 | 149.0 | 122.8 | 107.2 | 103.4 | 91.5 | 91.6 | 105.4 | 83.0 |
| 3914 | Silverware and plated ware..... | 21.8 | 1522.4 | 1519.3 | 1527.1 | 1523.4 | 1516.8 | 1523.2 | 320.9 | n.a. |
| 39141 | Silverware, plated ware, and stainless steel ware..... | 7.3 | 5.7 | 4.6 | 158.5 | 1510.9 | 159.9 | 1510.1 | 410.0 | 48.4 |
| 39142 | Flatware..... | 14.5 | 1516.8 | 1514.7 | 18.6 | 12.5 | 6.9 | 13.1 | 10.9 | ..... |
| 3931 | Musical instruments..... | 53.5 | 42.9 | 25.8 | 21.0 | 19.4 | 18.0 | 17.6 | 19.4 | 12.8 |
| 39311 | Pianos..... | 4.2 | 2.9 | 2.4 | 1.9 | 1.6 | 1.0 | 1.1 | 0.7 | 0.4 |
| 39312 | Organs ¹⁷ | 6.9 | 4.4 | 1.4 | 2.2 | 3.3 | 4.0 | 3.4 | 4.1 | 0.9 |
| 39313 | Piano and organ parts ¹⁷ | 1.1 | 0.9 | 0.8 | 0.7 | 0.6 | 0.7 | 0.5 | 0.4 | 0.5 |
| 39314 | Other musical instruments and parts..... | 41.3 | 34.8 | 21.2 | 16.2 | 13.9 | 12.3 | 12.6 | 14.2 | 11.0 |
| 3941 | Games and toys, n.e.c..... | 60.7 | 52.0 | 48.1 | 1543.4 | 1541.4 | 1534.1 | 1534.7 | 1532.1 | 525.7 |
| 3942 | Dolls and stuffed toy animals..... | 31.3 | 26.9 | 27.0 | 26.5 | 20.0 | 12.1 | 9.1 | 5.5 | 3.1 |

See footnotes at end of table.

Table II-7.--IMPORTS--LEATHER; STONE, CLAY, AND GLASS; AND MISCELLANEOUS MANUFACTURING, 1958-66--Con.

| Product code | Title | Imports, for consumption (million dollars) | | | | | | |
|--------------|--|--|-------|-------|------|------|------|------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 |
| | MISCELLANEOUS MANUFACTURES--Con. | | | | | | | |
| 3943 | Children's vehicles, except bicycles..... | 1.7 | 1.1 | 0.7 | n.a. | n.a. | n.a. | n.a. |
| 3949 | Sporting and athletic goods, n.e.c..... | 62.1 | 52.4 | 46.0 | 39.5 | 34.5 | 28.9 | 26.6 |
| 39491 | Fishing tackle and equipment..... | 17.8 | 15.4 | 14.3 | 14.3 | 12.2 | 11.6 | 10.7 |
| 39492 | Other sporting and athletic goods..... | 44.3 | 37.1 | 30.6 | 25.2 | 22.3 | 17.3 | 16.4 |
| 3951 | Pens and mechanical pencils..... | 2.0 | 1.4 | 0.8 | 0.6 | 0.6 | 0.6 | 0.6 |
| 3952 | Lead pencils and art goods..... | 3.6 | 2.9 | 2.7 | 2.6 | 2.8 | 2.2 | 2.1 |
| 39521 | Lead pencils and crayons..... | 2.1 | 1.8 | 1.5 | 1.6 | 1.7 | 1.3 | 1.2 |
| 39522 | Artists' materials..... | 1.5 | 1.1 | 1.1 | 1.0 | 1.0 | 0.9 | 0.8 |
| 3953 | Marking devices..... | 5.6 | 4.7 | 1.7 | n.a. | n.a. | n.a. | n.a. |
| 3955 | Carbon paper, stencil paper, and inked ribbon.. | (Z) | (Z) | (Z) | n.a. | n.a. | n.a. | n.a. |
| 3962 | Feathers, plumes, and artificial flowers..... | 41.0 | 44.1 | 48.4 | 39.4 | 40.1 | 35.4 | 35.8 |
| 3963 | Buttons..... | 6.6 | 6.8 | 6.8 | 6.3 | 6.5 | 5.0 | 4.8 |
| 3964 | Needles, pins, and fasteners..... | 18.1 | 13.7 | 12.9 | 12.9 | 12.9 | 12.8 | 12.7 |
| 39641 | Zipper and slide fasteners..... | 0.7 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 39642 | Needles, pins, fasteners (except slide) and similar notions..... | 17.4 | 13.2 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 |
| 3981 | Brooms and brushes..... | 8.5 | 6.7 | 5.5 | 5.7 | 5.1 | 4.0 | 3.7 |
| 39811 | Brooms..... | | | | | | | |
| 39813 | Brushes, n.e.c..... | 8.4 | 6.7 | 5.5 | 5.7 | 5.1 | 4.0 | 3.7 |
| 39812 | Paint and varnish brushes..... | (Z) | (Z) | (Z) | | | | |
| 3982 | Hard surface floor coverings..... | 3.6 | 4.3 | 4.8 | 3.8 | 4.3 | 2.8 | 2.3 |
| 39821 | Linoleum..... | 2.2 | 2.5 | 3.6 | n.a. | n.a. | n.a. | n.a. |
| 39822 | Asphalted-felt base and plastic floor coverings..... | 201.4 | 201.8 | 201.3 | n.a. | n.a. | n.a. | n.a. |
| 3983 | Matches..... | 1.5 | 1.2 | 1.1 | 1.2 | 1.0 | 1.0 | 0.8 |
| 3984 | Candles..... | 3.1 | 2.4 | 2.2 | 1.9 | 1.9 | 1.3 | 0.9 |
| 3992 | Furs, dressed or dyed..... | 12.6 | 10.7 | 9.7 | 8.6 | 10.5 | 7.0 | 8.6 |
| 39932 | Signs and advertising displays..... | 0.5 | 0.3 | 0.2 | n.a. | n.a. | n.a. | n.a. |
| 3995 | Umbrellas, parasols, and canes..... | 9.3 | 7.4 | 5.1 | 4.5 | 5.7 | 3.6 | 3.9 |
| 39992 | Coin-operated amusement machines..... | 2.3 | 1.2 | 1.3 | n.a. | n.a. | n.a. | n.a. |
| 3900 | Miscellaneous manufactured products, n.e.c..... | 77.7 | 68.4 | 43.3 | 36.5 | 28.6 | 21.2 | 25.4 |

¹Does not include handbags and other personal goods of various nonleather materials (1964 value was greater than \$15 million).²Imports of rough, russet, and crust leather (code 31115) included with finished leathers in codes 3111-4.³Imports include footwear cut stock of leather only.⁴Imports are for gloves in chief value of leather.⁵Does not include luggage of miscellaneous materials.⁶Does not include substantial value of some items of various nonleather materials.⁷Includes luggage of miscellaneous materials.⁸Imports do not include ground and similarly processed minerals belonging in code 3295; these are included in Major Group 14.⁹Imports do not include clay sewer pipe and fittings (code 32591).

Table II-7.--IMPORTS-LEATHER; STONE, CLAY, AND GLASS; AND MISCELLANEOUS MANUFACTURING, 1958-66--Con.

Footnotes--Con.

- 10 Imports represent mainly crude lump artificial abrasives.
- 11 Imports do not include gaskets, except of asbestos, rubber, or plastics.
- 12 Imports include only magnesite; ground and similarly processed minerals included in Major Group 14.
- 13 Includes mica splittings; 1964 value of \$2.9 million is included in code 1493.
- 14 Imports cover mainly cut diamonds.
- 15 Includes sets of flatware and of tools, some of which fall in codes 3421, 3423, and 39141.
- 16 Includes miscellaneous housewares not belonging in code 3914.
- 17 Imports of parts of organs other than pipe organs (code 39313) included in figures for code 39312.
- 18 Includes game machines (code 39992); 1964 value was \$1.3 million. Does not include inflatable rubber or plastic toys; 1964 value was \$1.3 million.
- 19 Does not include hair curling devices; 1964 value was \$2.6 million.
- 20 Incomplete.

Table II-8.--EXPORTS--LEATHER; STONE, CLAY, AND GLASS; AND MISCELLANEOUS MANUFACTURING, 1958-66

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--------------|---|---|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | LEATHER AND LEATHER PRODUCTS | | | | | | | | | |
| 31 | Leather and leather products, total..... | 65.7 | 61.2 | 62.3 | 61.0 | 53.7 | 67.5 | 54.8 | 51.3 | 49.2 |
| 3111 | Leather..... | 41.6 | 39.3 | 40.6 | 40.8 | 33.6 | 45.9 | 31.5 | 26.3 | 24.4 |
| 3131 | Footwear cut stock..... | 1.6 | 1.5 | 2.6 | 2.3 | 2.8 | 3.1 | 3.2 | 3.3 | 2.9 |
| 3141 | Footwear except house slippers and rubber footwear..... | 8.1 | 7.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 31411,2 | Men's shoes..... | 3.0 | 3.0 | 3.4 | 3.2 | 2.5 | 2.4 | 2.2 | 2.8 | 13.4 |
| 31413 | Youths' and boys' shoes..... | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | |
| 31414 | Women's shoes..... | 3.2 | 2.8 | | | | | | | |
| 31415 | Misses' and children's shoes..... | 0.5 | 0.4 | | | | | | | |
| 31416 | Infants' and babies' shoes..... | 0.1 | 0.1 | | | | | | | |
| 31417 | All other footwear, except rubber and house slippers..... | 1.1 | 0.8 | 15.0 | 15.4 | 16.1 | 16.5 | 17.1 | 18.3 | 110.0 |
| 3142 | House slippers..... | 0.7 | 0.6 | | | | | | | |
| 3151 | Leather gloves..... | 0.5 | 0.5 | 0.2 | 0.3 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 |
| 3161 | Luggage..... | 5.7 | 4.4 | 2.7 | 1.8 | 1.5 | 1.6 | 1.9 | 2.4 | 2.1 |
| 3171 | Handbags and purses..... | 2.5 | 2.4 | 3.3 | 3.3 | 3.4 | 4.0 | 4.3 | 3.8 | 2.7 |
| 3172 | Personal leather goods, n.e.c..... | 1.4 | 1.1 | 0.7 | 0.8 | 0.7 | 0.9 | 1.1 | 1.3 | 1.0 |
| 3121 | Industrial leather belting and packing..... | 0.9 | 0.9 | 3.7 | 3.2 | 2.8 | 3.0 | 3.2 | 2.7 | 2.5 |
| 3199 | Leather goods, n.e.c..... | 2.8 | 3.1 | | | | | | | |
| | STONE, CLAY, AND GLASS PRODUCTS | | | | | | | | | |
| 32 | Stone, clay and glass products, total ² | 342.1 | 315.2 | 279.5 | 225.6 | 216.8 | 205.5 | 206.1 | 201.5 | 192.9 |
| 3211,32313,5 | Flat glass, including mirrors..... | 341.7 | 335.0 | 28.0 | 22.9 | 20.4 | 17.4 | 17.0 | 19.7 | n.a. |
| 32113,32313 | Laminated..... | 12.0 | 7.1 | 5.2 | 4.2 | 4.3 | 3.5 | 3.5 | 3.9 | 3.7 |
| 32111 | Sheet..... | 2.5 | 1.6 | | | | | | | |
| 32112,4 | Plate glass and flat glass, n.e.c..... | 21.5 | 19.4 | 22.8 | 18.7 | 16.1 | 13.9 | 13.5 | 15.8 | n.a. |
| 32315 | Mirrors..... | 5.7 | 6.9 | | | | | | | |
| 3221 | Glass containers..... | 22.4 | 19.5 | 18.0 | 16.5 | 16.6 | 14.2 | 16.8 | 19.9 | 22.6 |
| 3229,32316 | Glass products, n.e.c..... | 82.8 | 80.9 | 77.7 | 59.7 | 56.4 | 52.7 | 50.7 | 45.0 | n.a. |
| 32291 | Table, kitchen, art, and novelty glassware... | 17.2 | 16.9 | 15.9 | 14.2 | 13.2 | 12.5 | 12.3 | 11.5 | 10.3 |
| 32292 | Lighting and electronic glassware..... | 421.2 | 22.2 | 23.8 | 17.2 | 18.2 | 17.7 | 19.0 | 16.4 | 16.9 |
| 32293 | Glass fiber..... | 5.3 | 6.0 | 2.6 | 1.0 | 0.3 | 0.4 | 0.3 | 0.3 | n.a. |
| 32294,32316 | Other glass products, n.e.c..... | 39.2 | 35.8 | 35.4 | 27.2 | 24.7 | 22.2 | 19.0 | 16.8 | n.a. |
| 3241 | Cement, hydraulic..... | 4.8 | 4.3 | 3.3 | 2.1 | 1.9 | 1.4 | 1.1 | 1.6 | 3.0 |
| 3251 | Brick and structural clay tile..... | 2.0 | 2.2 | 1.9 | 2.2 | 3.2 | 3.5 | 3.6 | 4.0 | 3.2 |
| 3253 | Ceramic floor and wall tile..... | 0.9 | 0.9 | 0.9 | 0.6 | 0.6 | 0.7 | 0.6 | 0.9 | 1.5 |
| 3255 | Clay refractories..... | 30.8 | 29.9 | | | | | | | |
| 3297 | Nonclay refractories, except dead-burned magnesia..... | 22.6 | 20.2 | 40.7 | 33.9 | 33.7 | 31.6 | 34.5 | 33.4 | 30.1 |
| 3259 | Structural clay products, n.e.c..... | 0.5 | 0.4 | 0.7 | 0.3 | 0.3 | 0.4 | 0.4 | 0.6 | 0.5 |

See footnotes at end of table.

Table II-8.--EXPORTS--LEATHER; STONE, CLAY, AND GLASS; AND MISCELLANEOUS MANUFACTURING, 1958-66--Con.

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--------------|---|---|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | STONE, CLAY, AND GLASS PRODUCTS--Con. | | | | | | | | | |
| 3261 | Vitreous plumbing fixtures, fitting, and accessories..... | 5.2 | 4.9 | 6.8 | 4.0 | 3.8 | 4.1 | 5.0 | 7.3 | 7.9 |
| 3262 | Vitreous china table and kitchen articles..... | 1.1 | 0.9 | 0.9 | 0.9 | 1.1 | 1.0 | 0.9 | 1.0 | 1.0 |
| 3263 | Fine earthenware table and kitchen articles ⁵ | 1.1 | 0.9 | 0.7 | 0.8 | 0.6 | 0.8 | 1.1 | 1.2 | (12) |
| 3264 | Porcelain and other ceramic electrical supplies | 11.3 | 10.1 | 9.5 | 9.2 | 7.9 | 7.3 | 6.9 | 5.4 | 6.9 |
| 3269 | Pottery products, n.e.c. ⁶ | 3.0 | 3.0 | 2.8 | 2.4 | 2.0 | 1.6 | 1.8 | 1.8 | 123.0 |
| 3271,3272 | Concrete products..... | 1.3 | 0.8 | 1.6 | 1.1 | 1.1 | 1.8 | 1.3 | 0.9 | 1.0 |
| 3274 | Lime..... | 2.9 | 3.0 | 60.8 | 60.6 | 60.7 | 60.9 | 61.0 | 61.0 | 61.0 |
| 3275 | Gypsum products..... | 2.1 | 1.7 | 71.0 | 70.8 | 70.6 | 70.6 | 70.6 | 70.7 | 71.5 |
| 3281 | Cut stone and stone products..... | 1.4 | 1.5 | 82.7 | 82.3 | 82.3 | 82.0 | 81.7 | 81.9 | 81.7 |
| 3291 | Abrasive products..... | 48.6 | 47.5 | 42.2 | 34.3 | 31.5 | 27.8 | 25.6 | 22.6 | 22.4 |
| 32911 | Nonmetallic artificial sized grains, powders | 17.2 | 14.3 | 28.4 | 22.9 | 21.4 | 19.2 | 16.8 | 15.8 | 15.0 |
| 32912 | Nonmetallic bonded abrasive products..... | 17.0 | 18.8 | 12.2 | 10.1 | 8.7 | 7.1 | 7.2 | 5.8 | 6.0 |
| 32913 | Nonmetallic coated abrasive products ⁵ | 11.3 | 12.2 | 1.6 | 1.3 | 1.4 | 1.5 | 1.6 | 1.6 | 1.4 |
| 32914 | Metal abrasives..... | 3.0 | 2.2 | | | | | | | |
| 3292,3 | Asbestos products, gaskets, and insulation..... | n.a. | n.a. | 20.5 | 20.1 | 17.9 | 18.8 | 19.2 | 18.9 | 17.5 |
| 32922 | Asbestos friction materials..... | 7.1 | 6.4 | 6.6 | 6.6 | 6.2 | 5.3 | 5.6 | 5.8 | 5.7 |
| 32924 | Asbestos-cement shingles and clapboard..... | 1.8 | 1.1 | 109.6 | 109.6 | 108.1 | 108.5 | 108.0 | 107.1 | 107.5 |
| 32927,3293 | Asbestos products and insulations, n.e.c..... | 18.3 | 16.3 | | | | | | | |
| 32925 | Asphalt floor tile..... | 1.0 | 0.9 | 0.6 | 0.6 | 0.7 | 0.8 | 0.8 | 1.7 | 1.9 |
| 32926 | Vinyl asbestos floor tile..... | n.a. | n.a. | 3.6 | 3.2 | 3.0 | 4.2 | 4.7 | 4.4 | 2.4 |
| 3295 | Minerals, ground or treated..... | 29.8 | 118.1 | (13) | (11) | (11) | (11) | (11) | n.a. | n.a. |
| 3296 | Mineral wool..... | 14.2 | 12.2 | 11.2 | 9.6 | 7.4 | 7.4 | 8.9 | 7.3 | 6.3 |
| 3299 | Nonmetallic mineral products, n.e.c..... | 3.2 | 2.5 | 7.5 | 7.4 | 7.0 | 9.6 | 7.4 | 6.4 | 5.2 |
| 3200 | Miscellaneous nonmetallic mineral products..... | (X) | (X) | | | | | | | |
| | MISCELLANEOUS MANUFACTURES | | | | | | | | | |
| 39 | Miscellaneous manufactures, total..... | 370.8 | 319.1 | 258.1 | 236.8 | 191.5 | 189.8 | 172.6 | n.a. | n.a. |
| 3911,3961 | Jewelry..... | 46.0 | 40.9 | 32.7 | 38.9 | 26.0 | 27.9 | 26.3 | 32.6 | 17.7 |
| 3911 | Jewelry (precious metal)..... | 37.0 | 32.4 | n.a. | n.a. | n.a. | n.a. | n.a. | 25.8 | 10.6 |
| 39111 | Jewelry made of platinum metals and carat gold..... | n.a. | n.a. | 22.5 | 30.0 | 17.9 | 19.5 | 18.2 | 6.8 | 7.1 |
| 39112 | Jewelry made of other precious metals..... | n.a. | n.a. | 10.2 | 8.9 | 8.1 | 8.4 | 8.1 | | |
| 3961 | Costume jewelry, except precious metals..... | 9.0 | 8.5 | n.a. | n.a. | n.a. | n.a. | n.a. | | |
| 3912 | Jewelers' findings and materials..... | 2.7 | 2.1 | 2.1 | 2.0 | 1.8 | 1.7 | 1.7 | 1.6 | 1.4 |
| 3913 | Lapidary work ¹² | 58.8 | 44.0 | 44.2 | 38.3 | 17.2 | 13.3 | 6.8 | n.a. | n.a. |
| 3914 | Silverware and plated ware..... | 133.0 | 132.7 | 3.5 | 3.2 | 2.8 | 3.0 | 3.0 | 3.7 | 4.5 |
| 39141 | Silverware, plated ware, and stainless steel | n.a. | n.a. | 1.9 | 1.6 | 1.5 | 1.7 | 1.6 | 2.0 | 1.7 |
| 39142 | Flatware..... | n.a. | n.a. | 1.6 | 1.5 | 1.2 | 1.2 | 1.3 | 1.7 | 2.8 |

See footnotes at end of table.

Table II-8.--EXPORTS--LEATHER, STONE, CLAY, AND GLASS; AND MISCELLANEOUS MANUFACTURING, 1958-66--Con.

| Product code | Title | Exports of domestic merchandise (million dollars) | | | | | | | | |
|--------------|---|---|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 |
| | MISCELLANEOUS MANUFACTURES--Con. | | | | | | | | | |
| 3931 | Musical instruments..... | 22.1 | 18.8 | 19.6 | 14.5 | 11.7 | 9.9 | 11.3 | 8.1 | 6.1 |
| 39311 | Pianos..... | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.7 |
| 39312 | Organs..... | 7.2 | 6.3 | 7.1 | 5.2 | 4.6 | 4.3 | 5.1 | 3.7 | 2.4 |
| 39313 | Piano and organ parts..... | 2.8 | 2.1 | 11.7 | 8.5 | 6.4 | 4.7 | 5.4 | 3.8 | 3.1 |
| 39314 | Other musical instruments and parts..... | 11.2 | 9.7 | | | | | | | |
| 3941 | Games and toys, n.e.c..... | 1428.0 | 1429.2 | 1517.1 | 1513.9 | 1514.1 | 1515.1 | 1513.7 | 1513.3 | 1513.8 |
| 3942 | Dolls and stuffed toy animals..... | 3.2 | 2.7 | 162.7 | 162.4 | 162.1 | 162.6 | 162.1 | 162.4 | 162.6 |
| 3943 | Children's vehicles, except bicycles ¹ | 1.9 | 1.8 | 1.6 | 1.4 | 1.3 | 1.3 | 1.6 | 1.5 | 1.6 |
| 3949 | Sporting and athletic goods, n.e.c..... | 1829.4 | 1821.5 | 33.4 | 25.6 | 27.1 | 30.4 | 25.1 | 18.2 | 14.7 |
| 39491 | Fishing tackle and equipment..... | 4.1 | 3.7 | 195.1 | 194.2 | 193.5 | 193.8 | 194.1 | 194.8 | 194.8 |
| 39492 | Other sporting and athletic goods..... | 1825.3 | 1817.8 | 2028.3 | 2021.4 | 2023.6 | 2026.6 | 2021.0 | 2013.4 | 209.9 |
| 3951 | Pens and mechanical pencils..... | 2125.8 | 2126.0 | 28.3 | 28.6 | 25.3 | 25.1 | 23.6 | 20.6 | 19.5 |
| 3952 | Lead pencils and art goods..... | 4.1 | 3.8 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 39521 | Lead pencils and crayons..... | 2.3 | 2.1 | 2.0 | 1.8 | 2.5 | 2.4 | 2.4 | 2.7 | 2.6 |
| 39522 | Artists' materials..... | 221.8 | 221.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3955 | Carbon paper, stencil paper, and inked ribbons.. | 5.8 | 4.6 | 2.8 | 2.6 | 2.4 | 2.2 | 1.7 | 2.1 | 2.1 |
| 3962 | Feathers, plumes, and artificial flowers..... | 0.5 | 0.7 | 230.3 | 230.3 | 230.3 | 230.4 | 230.7 | 230.8 | 230.6 |
| 3963 | Buttons..... | 2.3 | 2.1 | 2.0 | 1.6 | 1.7 | 1.8 | 1.8 | 2.0 | 2.3 |
| 3964 | Needles, pins, and fasteners..... | 10.4 | 9.4 | 244.1 | 243.3 | 243.5 | 243.8 | 243.7 | 243.7 | 243.5 |
| 39641 | Zippers and slide fasteners..... | 2.3 | 2.3 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 39642 | Needles, pins, fasteners (except slides and similar notions)..... | 8.1 | 7.1 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3981 | Brooms and brushes..... | 5.1 | 4.9 | 4.1 | 3.7 | 3.2 | 3.0 | 3.0 | 3.0 | 2.9 |
| 39811 | Brooms..... | 0.2 | 0.2 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 39812,3 | Brushes..... | 4.9 | 4.6 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 3982 | Hard surface floor coverings..... | 10.1 | 6.9 | 4.4 | 3.6 | 3.3 | 4.1 | 4.6 | 4.7 | 3.5 |
| 39821 | Linoleum..... | 1.1 | 1.0 | 1.1 | 1.1 | 0.9 | 1.2 | 1.1 | 1.4 | 1.2 |
| 39822 | Asphalted-felt-base and plastics floor coverings..... | 9.0 | 5.9 | 3.2 | 2.5 | 2.4 | 2.9 | 3.5 | 3.3 | 2.3 |
| 3983 | Matches..... | 0.4 | 0.4 | 0.4 | 0.5 | 0.6 | 0.6 | 0.5 | 0.4 | 0.4 |
| 3992 | Furs, dressed or dyed..... | 23.5 | 22.9 | 20.7 | 23.1 | 19.3 | 16.5 | 15.8 | n.a. | n.a. |
| 3995 | Umbrellas, parasols, and canes..... | 0.9 | 0.5 | 0.6 | 0.7 | 0.7 | 0.6 | 0.7 | 0.7 | 0.9 |
| 3900 | Miscellaneous manufactured products, n.e.c. ^{2,5} ... | 86.8 | 73.2 | 31.6 | 27.0 | 24.8 | 24.1 | 22.7 | 21.2 | 29.7 |

¹Exports of athletic footwear, except leather, included in codes 31411-6 rather than code 31417.²Exports do not include products of code 3295 except dead-burned magnesite, which are included in Major Group 14.³Exports include tempered safety glass.⁴1966 exports include glass lighting fixtures (part codes 36421, 7); 1965 value of \$0.7 million.⁵Exports of stoneware table and kitchen articles (part of code 3269) included in code 3263.⁶Does not include dolomite.

Footnotes--Con.

- ⁷Does not include gypsum plasters.
- ⁸Includes rough dimension stone (code 1411).
- ⁹Exports do not include nonabrasive buffing and polishing wheels and laps.
- ¹⁰Does not include gaskets of materials other than asbestos; data for 1966 and 1965 include other gaskets with value of \$5.3 million and \$4.7 million respectively.
- ¹¹Most ground and similarly treated minerals are included in Major Group 14; data for 1966 and 1965 include only dead-burned magnesite and activated natural minerals, except carbon.
- ¹²Exports include some unworked stones.
- ¹³Does not include hollowware, except of silver (1964 value of nonsilver hollowware was at least \$1.3 million).
- ¹⁴Includes sleds (part of code 3943) and indeterminate amount of bowling alley equipment belonging in code 39492.
- ¹⁵Includes sleds (part of code 3943) and stuffed animals (part of code 3942).
- ¹⁶Does not include stuffed animals (1966 value was \$0.3 million and 1965 value was \$0.4 million).
- ¹⁷Exports do not include sleds.
- ¹⁸Does not include some bowling alley equipment reported in code 3941.
- ¹⁹Includes creels, buckets, fly boxes, and commercial equipment such as winches, beam trawls, seines, etc.
- ²⁰Includes air rifles, game machines, commercial amusement devices, and some athletic apparel.
- ²¹Includes felt-tipped markers (part of code 3953).
- ²²Includes only colors, pastes, inks, pencils, crayons, and similar drawing or painting materials; does not include brushes, boards, boxes, palettes or similar utensils.
- ²³Does not include feathers or their products.
- ²⁴Includes only needles and snap and zipper fasteners.
- ²⁵Exports represent products primarily in this major group.

Appendix 1.—Industry Definitions

| SIC code | Industry title and description (S = Specialization ratio; C = Coverage ratio) | | |
|----------|---|------|---|
| 31 | LEATHER AND LEATHER PRODUCTS | | |
| | This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials. Leather converters are also included; such converters purchase hides and skins and have them processed into leather on a contract basis by others. | | |
| 311 | LEATHER TANNING AND FINISHING: | | |
| 3111 | Leather Tanning and Finishing (S-99; C-100).—Establishments primarily engaged in tanning, currying, and finishing hides and skins into leather. Leather converters are classified in this industry. | 316 | LUGGAGE: |
| | | 3161 | Luggage (S-95; C-94).—Establishments primarily engaged in manufacturing luggage of leather or other materials. Among the products included in this industry are suitcases, briefcases, trunks, hat boxes (except paper or paperboard), and camera and binocular cases. Establishments primarily engaged in manufacturing luggage hardware are classified in industry 3429. |
| 312 | INDUSTRIAL LEATHER BELTING AND PACKING: | 317 | HANDBAGS AND OTHER PERSONAL LEATHER GOODS: |
| 3121 | Industrial Leather Belting and Packing (S-89; C-84).—Establishments primarily engaged in manufacturing industrial leather products, such as transmission belting, mechanical packings, and textile leathers. Establishments primarily engaged in manufacturing leather gaskets are classified in industry 3293; rubber belting and packing are included in industry 3069; plastic belting and packing in industry 3079; and metallic packing in industry 3599. | 3171 | Women's Handbags and Purses (S-98; C-98).—Establishments primarily engaged in manufacturing women's handbags and purses of leather or other materials, except precious metal (industry 3911). |
| 313 | BOOT AND SHOE CUT STOCK AND FINDINGS: | 3172 | Personal Leather Goods, Except Handbags and Purses (S-96; C-92).—Establishments primarily engaged in manufacturing small articles such as billfolds, key-cases, and coin purses of leather or other materials, except precious metal (industry 3911). |
| 3131 | Boot and Shoe Cut Stock and Findings (S-93; C-94).—Establishments primarily engaged in manufacturing leather soles, inner soles, and other boot and shoe cut stock and findings. This industry also includes finished wood heels. Establishments primarily engaged in manufacturing heels, soling strips, and soles made of rubber, composition, plastics, and fiber are classified in Major Group 30. | 319 | LEATHER GOODS, N.E.C.: |
| 314 | FOOTWEAR, EXCEPT RUBBER: | 3191 | Leather Goods, N.E.C. (S-94; C-82).—Establishments primarily engaged in manufacturing leather goods, n.e.c., such as saddlery, harness, and whips; embossed leather goods; leather desk sets; and razor straps. |
| 3141 | Footwear, Except House Slippers and Rubber Footwear (S-99; C-99).—Establishments primarily engaged in the production of boots and shoes designed primarily for street, work, play, or sport wear. Establishments primarily engaged in the production of such protective footwear as rubbers, rubber boots, storm shoes, galoshes, and other footwear with rubber soles vulcanized to the uppers are classified in industry 3021; and house slippers in industry 3142. Footwear made by custom boot makers is covered in the census of business. | | Establishments primarily engaged in manufacturing leather garments are classified in industry 2386; leather belts in industry 2387; leather gaskets in industry 3293; leather buffing and polishing wheels in industry 3291; and leather costume jewelry in industry 3961. |
| 3142 | House Slippers (S-90; C-85).—Establishments manufacturing house slippers of leather or other materials, except as noted. Establishments primarily engaged in making vulcanized rubber slippers (beach and shower slippers, scuffs, etc.) are classified in industry 3021; wooden slippers including wooden clogs are classified in industry 2499; and paper bath slippers in industry 2649. Knitting mills producing slipper socks are classified in industry 2252. | 32 | STONE, CLAY, AND GLASS PRODUCTS |
| 315 | LEATHER GLOVES AND MITTENS: | | This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone products, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining activities are classified in mining industries; when separate reports are not available, the mining activities are classified with the manufacturing operations and classified herein. |
| 3151 | Leather Dress, Semidress, and Work Gloves (S-81; C-89).—Establishments primarily engaged in manufacturing dress, semidress, and work gloves exclusively of leather. Establishments primarily engaged in manufacturing sporting and athletic gloves are classified in industry 3949; knit gloves in industry 2259; and dress, semidress, and work gloves and mittens of cloth, or cloth and leather combined, in industry 2381. | 321 | FLAT GLASS: |
| | | 3211 | Flat Glass (S-90 ¹ ; C-D).—Establishments primarily engaged in manufacturing flat glass, including plate glass, clear window glass, rolled glass, figured and wire glass, opalescent and obscured glass, and cathedral and skylight glass. This industry also includes establishments that produce laminated glass from glass produced in the same establishment. Establishments primarily engaged in manufacturing laminated glass from purchased flat glass are classified in industry 3231. |
| | | 322 | GLASS AND GLASSWARE, PRESSED OR BLOWN: |
| | | 3221 | Glass Containers (S-99; C-99).—Establishments primarily engaged in manufacturing glass containers for commercial packing and bottling, and for home canning. Products of this industry may be machine- |

¹This is a minimum percentage. The exact percentage cannot be shown without disclosing figures for individual companies.

- made or hand-made and include ampoules, carboys, cosmetic jars, fruit jars, medicine bottles, milk bottles, vials, and beverage and beer bottles.
- 3229 Pressed and Blown Glass and Glassware, N.E.C. (S-96; C-97).—Establishments primarily engaged in manufacturing glass and glassware, n.e.c., pressed, blown, or shaped from glass produced in the same establishment. Establishments primarily engaged in manufacturing textile glass fibers are also included in this industry, but establishments primarily engaged in manufacturing glass wool insulation products are classified in industry 3296.
- Establishments primarily engaged in the production of pressed lenses for headlights, beacons, and lanterns are also included in this industry, but establishments primarily engaged in the production of optical lenses are classified in industry 3831. Establishments primarily engaged in manufacturing glass containers are classified in industry 3221, and complete electric light bulbs in industry 3641.
- 323 GLASS PRODUCTS MADE OF PURCHASED GLASS:
- 3231 Glass Products Made of Purchased Glass (S-90¹; C-D).—Establishments primarily engaged in manufacturing glass products from purchased glass, including laminated or safety glass, stained, leaded, ornamented, and decorated glass; mirrors; cutware; scientific-apparatus glass; glass novelties; mosaic glass; round glass; cut, beveled, and etched glass; and glass watch crystals. Establishments primarily engaged in manufacturing optical lenses and ophthalmic lenses are classified in Major Group 38, Instruments and Related Products; glass fabrics in industry 2221; glass insulation in industry 3296; glass fishing rods in industry 3949.
- 324 CEMENT, HYDRAULIC:
- 3241 Cement, Hydraulic (S-99; C-100).—Establishments primarily engaged in manufacturing hydraulic cement, including portland, natural, masonry, and puzzolan cements.
- 325 STRUCTURAL CLAY PRODUCTS:
- 3251 Brick and Structural Clay Tile (S-98; C-98).—Establishments primarily engaged in manufacturing clay building brick, vitrified paving brick and hollow structural tile. Establishments primarily engaged in manufacturing clay firebrick are classified in industry 3255; nonclay firebrick in industry 3297; sand lime brick in industry 3299; and glass brick in industry 3229.
- 3253 Ceramic Wall and Floor Tile (S-95; C-99).—Establishments primarily engaged in manufacturing ceramic mosaic tile, glazed wall tile, quarry tile, and other types of ceramic wall and floor tile. Establishments primarily engaged in manufacturing hollow structural tile and ceramic and salt glazed facing tile are classified in industry 3251; drain tile in industry 3259; asphalt floor tile in industry 3292; rubber tile in industry 3069; cork wall and floor tile in industry 2499; and other hard surface floor coverings in industry 3982. China and earthenware bathroom accessories (towel racks, soap cups, etc.) are classified in industry 3261.
- 3255 Clay Refractories (S-91; C-93).—Establishments primarily engaged in manufacturing clay firebrick, crucibles, and other heat-resisting clay products such as glass-house tank blocks, stoppers, floaters, and rings. Establishments primarily engaged in manufacturing nonclay refractories, as well as all graphite refractories whether of carbon bond or ceramic bond, are classified in industry 3297.
- 3259 Structural Clay Products N.E.C. (S-89; C-95).—Establishments primarily engaged in manufacturing clay sewer pipe and kindred products made of clay, and structural clay products, n.e.c., such as architectural terra cotta, roofing tile, stove lining, flue lining, chimney pipes, thimbles and tops, wall coping, segment blocks, drain tile and adobe brick. Establishments primarily engaged in manufacturing concrete sewer pipe are classified in industry 3272; cast iron sewer pipe in industry 3321; and plastic pipe in industry 3079.
- 326 POTTERY AND RELATED PRODUCTS:
- 3261 Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories (S-97; C-97).—Establishments primarily engaged in manufacturing china plumbing fixtures and china and earthenware fittings and bathroom accessories.
- 3262 Vitreous China Table and Kitchen Articles (S-90; C-91).—Establishments primarily engaged in manufacturing vitreous china table and kitchen articles for use in households and in hotels, restaurants, and other commercial institutions for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware (whiteware) table and kitchen articles are classified in industry 3263.
- 3263 Fine Earthenware (Whiteware) Table and Kitchen Articles (S-92; C-91).—Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware table and kitchen articles for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing vitreous china table and kitchen articles are classified in industry 3262.
- 3264 Porcelain Electrical Supplies (S-91; C-95).—Establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, steatite electrical products and other electrical supplies from clay and other ceramic materials.
- 3269 Pottery Products, N.E.C. (S-87; C-89).—Establishments primarily engaged in firing and decorating white china and earthenware for the trade and manufacturing art and ornamental pottery, industrial and laboratory pottery, stoneware and coarse earthenware table and kitchen articles, unglazed red earthenware florists' articles, and other pottery products, n.e.c.
- 327 CONCRETE, GYPSUM AND PLASTER PRODUCTS:
- 3271 Concrete Brick and Block (S-92; C-84).—Establishments primarily engaged in manufacturing concrete building blocks and brick from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and building materials dealers primarily engaged in mixing and delivering ready mixed concrete in industry 3273.
- 3272 Concrete Products, Except Block and Brick (S-94; C-94).—Establishments primarily engaged in manufacturing concrete products, except block and brick, from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and building materials dealers primarily engaged in mixing and delivering ready mixed concrete in industry 3273.
- 3273 Ready Mixed Concrete (S-92; C-98).—Establishments primarily engaged in manufacturing Portland cement concrete, manufactured and delivered to a purchaser in a plastic and unhardened state. This industry includes production and sale of central mixed con-

- crete, shrink mixed concrete and transit mixed concrete.
- 3274 Lime (S-82; C-94).—Establishments primarily engaged in manufacturing quicklime, hydrated lime, and dead burned dolomite from limestone, dolomite shells, or other substances.
- 3275 Gypsum Products (S-97; C-98).—Establishments primarily engaged in manufacturing plaster, plaster-board, and other products composed wholly or chiefly of gypsum.
- 328 CUT STONE AND STONE PRODUCTS:
- 3281 Cut Stone and Stone Products (S-94; C-99).—Establishments primarily engaged in cutting, shaping, and finishing marble, granite, slate, and other stone for building and miscellaneous uses. Establishments primarily engaged in buying or selling partly finished monuments and tombstones, but performing no work on the stones other than lettering, finishing, or shaping to custom order, are classified in trade industries. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in mining industries.
- 329 ABRASIVE, ASBESTOS, AND MISCELLANEOUS NON-METALLIC MINERAL PRODUCTS:
- 3291 Abrasive Products (S-701; C-95).—Establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, and other abrasive products. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in mining industries.
- 3292 Asbestos Products (S-95; C-91).—Establishments primarily engaged in manufacturing asbestos textiles, asbestos friction materials, vinyl asbestos floor tile and other commodities composed wholly or chiefly of asbestos, except asbestos paper (industry 2661), steam and other packing, pipe and boiler covering, and gaskets (industry 3293).
- 3293 Steam and Other Packing, and Pipe and Boiler Covering (S-81; C-78).—Establishments primarily engaged in manufacturing packing for steam, water, and other pipe joints, and for engines, air compressors, etc.; gaskets (all types); and asbestos insulating materials. Establishments primarily engaged in manufacturing leather packing are classified in industry 3121, rubber packing in industry 3069, metal packing in industry 3599, and mineral wool and insulation products in industry 3296.
- 3295 Minerals and Earths, Ground or Otherwise Treated (S-94; C-86).—Establishments operating without a mine and primarily engaged in crushing, grinding, pulverizing, or otherwise preparing clay, ceramic, and refractory minerals (of the type in minerals Industry Group 145); barite (mined by industry 1472); miscellaneous nonmetallic minerals, except fuels (talc, gypsum, graphite, and other minerals of the type classified in minerals Industry Group 149); or in crushing slag or preparing roofing granules. However, establishments preparing such nonmetallic minerals or roofing granules in conjunction with a mine at the site are classified in the mineral industries. The crushing and grinding of stone, the preparation of sand and gravel (minerals Industry Group 144) and of chemical and fertilizer minerals, except barite (minerals Industry Group 147, except industry 1472) are classified in the mineral industries whether or not the establishment includes a mine. The beneficiation or preparation of metallic ores and the cleaning and grading of coal at the mine or at separately operated preparation plants are classified in the mineral industries.
- The code number for this industry in the Standard Industrial Classification Manual is unchanged, but the content of the industry has been slightly changed from the classification system used in 1958. The composition of the industry as now constituted, compared with that under the classification system followed in the 1958 census is due principally to (1) the reclassification of exfoliated vermiculite from industry 3296 to industry 3295 and (2) the inclusion of roofing granules produced in conjunction with mining operations in the mineral industries for 1963. In prior years these roofing granule plants were included in industry 3295.
- 3296 Mineral Wool (S-90; C-96).—Establishments primarily engaged in manufacturing mineral wool and mineral wool insulation products made of such silicious materials as rock, slag, and glass, or combinations thereof. Establishments primarily engaged in manufacturing asbestos insulation products are classified in industries 3292 and 3293, textile glass fibers in industry 3229, and exfoliated vermiculite products in industry 3295. Exfoliated vermiculite was reclassified from industry 3296 (in 1958) to industry 3295.
- 3297 Nonclay Refractories (S-94; C-88).—Establishments primarily engaged in manufacturing refractories and crucibles made of materials other than clay. This industry also includes establishments primarily engaged in manufacturing all graphite refractories, whether of carbon bond or ceramic bond. Establishments primarily engaged in manufacturing clay refractories are classified in industry 3255.
- 3299 Nonmetallic Mineral Products, N.E.C. (S-86; C-96).—Establishments primarily engaged in the factory production of statuary and art goods made of plaster of Paris and papier-mache and in manufacturing sand lime products, sheet mica products, and other non-metallic mineral products, n.e.c.
- 39 MISCELLANEOUS MANUFACTURING INDUSTRIES
- This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group. Industries in this group fall into the following categories: jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; morticians' goods, and other miscellaneous manufacturing industries.
- 391 JEWELRY, SILVERWARE, AND PLATED WARE:
- 3911 Jewelry (Precious Metal) (S-92; C-97).—Establishments primarily engaged in manufacturing jewelry and other articles, worn on or carried about the person, made of precious metals with or without stones (including the setting of stones where stones are used), including cigarette cases and lighters, vanity cases and compacts; trimmings for umbrellas and canes; and jewel settings and mountings. Establishments primarily engaged in manufacturing costume jewelry from nonprecious metals and other materials are classified in industry 3961.
- 3912 Jewelers' Findings and Materials (S-92; C-89).—Establishments primarily engaged in manufacturing unassembled jewelry parts, and stock shop products such as sheet, wire and tubing. Establishments primarily engaged in lapidary work are classified in industry 3913.
- 3913 Lapidary Work (S-93; C-81).—Establishments of lapidaries primarily engaged in cutting, slabbing, tumbling, carving, engraving, polishing, or faceting stones from natural or man-made precious or semi-precious

- gem raw materials, either for sale or on a contract basis for the trade; in recutting, repolishing, and setting gem stones; or in cutting, drilling, and otherwise preparing jewels for instruments, dies, watches, chronometers, and other industrial uses. This industry includes the drilling, sawing, and peeling of real or cultured pearls, but does not include the manufacture of artificial pearls (industry 3961).
- 3914 Silverware and Plated Ware (S-95; C-98).—Establishments primarily engaged in manufacturing flatware (including knives, forks, and spoons), hollow ware, toilet ware, ecclesiastical ware, and related products made of sterling silver; of metal plated with silver, gold, or other metal; of nickel silver; of pewter; or of stainless steel.
- "Flatware" is defined for purposes of the census as all knives, forks, spoons, etc., made wholly of metal, including stainless steel knives, forks, and spoons, and carving sets with metal handles. Knives, forks, spoons, etc., with handles of materials other than metal are included in industry 3421.
- 393 MUSICAL INSTRUMENTS AND PARTS:
- 3931 Musical Instruments and Parts (S-97; C-92).—Establishments primarily engaged in manufacturing pianos, with or without player attachments; organs; other musical instruments; and parts and materials for musical instruments.
- 394 TOYS, AMUSEMENT, SPORTING AND ATHLETIC GOODS:
- 3941 Games and Toys, Except Dolls and Children's Vehicles (S-92; C-91).—Establishments primarily engaged in manufacturing indoor games and game sets for adults and children, and mechanical and non-mechanical toys. Important products of this industry include games such as chess, checkers, dominoes, puzzles, and other indoor games; and toys, such as toy furniture, doll carriages and carts, construction sets, mechanical trains, toy guns and air rifles, and other mechanical games and toys. Establishments primarily engaged in manufacturing dolls are classified in industry 3942; children's outdoor wheel goods and vehicles, except bicycles, in industry 3943; and sporting and athletic goods for children and adults in industry 3949.
- 3942 Dolls (S-80-85; C-87).—Establishments primarily engaged in manufacturing dolls, doll parts, and doll clothing. Establishments primarily engaged in manufacturing stuffed toy animals are also included in this industry.
- 3943 Children's Vehicles, Except Bicycles (S-71; C-65).—Establishments primarily engaged in manufacturing baby carriages, strollers, and gocarts; children's velocipedes and tricycles, coaster wagons, play cars, sleds, and other children's outdoor wheel goods and vehicles, except bicycles (industry 3751).
- 3949 Sporting and Athletic Goods, N.E.C. (S-93; C-91).—Establishments primarily engaged in manufacturing sporting and athletic goods, n.e.c., such as fishing tackle; golf and tennis goods; baseball, football, basketball, and boxing equipment; roller skates and ice skates; gymnasium and playground equipment; billiard and pool tables; and bowling alleys and equipment. Establishments primarily engaged in manufacturing athletic apparel are classified in Major Group 23, small arms ammunition in industry 1961 and firearms in industry 1951.
- 395 PENS, PENCILS, AND OTHER OFFICE AND ARTISTS' MATERIALS:
- 3951 Pens, Pen Points, Fountain Pens, Ball Point Pens, Mechanical Pencils and Parts (S-90; C-93).—Establishments primarily engaged in manufacturing pens, pen points, fountain pens, ball point pens, refill cartridges, and parts for pens and mechanical pencils.
- 3952 Lead Pencils, Crayons, and Artists' Materials (S-87; C-90).—Establishments primarily engaged in manufacturing lead pencils, pencil leads, and crayons; materials and equipment for art work such as air-brushes, drawing tables and boards, palettes, sketch boxes, pantographs, artists' colors and waxes, pyrography goods, drawing inks, and drafting materials. Establishments primarily engaged in manufacturing mechanical pencils are classified in industry 3951, and drafting instruments in industry 3811.
- 3953 Marking Devices (S-84; C-90).—Establishments primarily engaged in manufacturing rubber and metal hand stamps, dies, and seals; steel letters and figures; and stencils for use in painting or marking.
- 3955 Carbon Paper and Inked Ribbons (S-95; C-83).—Establishments primarily engaged in manufacturing carbon paper for business machines, sales books, etc.; spirit or gelatin process and other stencil paper; and inked ribbons for business machines.
- 396 COSTUME JEWELRY, COSTUME NOVELTIES, BUTTONS, AND MISCELLANEOUS NOTIONS, EXCEPT PRECIOUS METAL:
- 3961 Costume Jewelry and Costume Novelties, Except Precious Metal (S-95; C-95).—Establishments primarily engaged in manufacturing costume jewelry, costume novelties, and ornaments made of all materials, except precious metal, precious or semiprecious stones, and rolled gold plate and gold filled materials (industry 3911).
- 3962 Feathers, Plumes, and Artificial Flowers (S-97; C-87).—Establishments primarily engaged in manufacturing artificial flowers, fruits, and foliage made from all materials except glass (industry 3231); in producing fancy feathers, plumes, and articles made principally of feathers and plumes; and curling, dyeing, and renovating ostrich feathers for the trade.
- 3963 Buttons (S-96; C-87).—Establishments primarily engaged in manufacturing buttons, button parts, and button blanks and molds, of all materials except precious metal and precious or semiprecious stones (industry 3911).
- 3964 Needles, Pins, Hooks and Eyes, and Similar Notions (S-91; C-92).—Establishments primarily engaged in manufacturing notions, such as machine and hand needles, pins, hooks and eyes, eyelets, buckles, and slide and snap fasteners.
- 398 } MISCELLANEOUS MANUFACTURING INDUSTRIES:
- 399 }
- 3981 Brooms and Brushes (S-89; C-93).—Establishments primarily engaged in manufacturing household, industrial, and street sweeping brooms; and brushes such as paint brushes, toothbrushes, toilet brushes, and household and industrial brushes.
- 3982 Linoleum, Asphalted-Felt-Base, and Other Hard Surface Floor Coverings, N.E.C. (S-82; C-98).—Establishments primarily engaged in manufacturing linoleum, asphalted-felt-base, and other hard surface floor coverings, n.e.c. Establishments primarily engaged in manufacturing rubber floor coverings are classified in industry 3069, and cork floor and wall tile in industry 2499. Also excluded are establishments primarily engaged in manufacturing unsupported plastic floor coverings (industry 3079),

| | | | |
|------|--|------|---|
| | and asphalt tile and vinyl asbestos floor tile (industry 3292). | 3992 | Furs, Dressed and Dyed (S-98; C-94).—Establishments primarily engaged in scraping, currying, tanning, bleaching, and dyeing pelts. |
| 3983 | Matches (S-95-100; C-95-100).—Establishments primarily engaged in manufacturing matches, regardless of the material used. | 3993 | Signs and Advertising Displays (S-96; C-95).—Establishments primarily engaged in manufacturing electrical, mechanical, cutout, or plate signs and advertising displays, including neon signs and advertising novelties. Sign painting shops doing business on a custom basis are classified in service industries. Establishments primarily engaged in manufacturing electric signal equipment are classified in industry 3662, and lighting fixtures in industry 3642. |
| 3984 | Candles (S-95; C-94).—Establishments primarily engaged in manufacturing candles from fatty acids, or from mineral and animal waxes. | | |
| 3987 | Lamp Shades (S-96; C-98).—Establishments primarily engaged in manufacturing lamp shades of all materials except glass (industry 3229), and metal (industry 3642). | 3995 | Umbrellas, Parasols, and Canes (S-95; C-98).—Establishments primarily engaged in manufacturing umbrellas, parasols, canes; and trimmings, frames, handles, and other parts. |
| 3988 | Morticians' Goods (S-95; C-98).—Establishments primarily engaged in manufacturing caskets, coffins, burial cases, and coffin shipping cases, whether of wood or other material, except concrete (industry 3272); morticians' supplies and accessories, such as burial garments, gloves, slippers, casket linings, and embalming fluids; and morticians' paraphernalia and equipment. | 3999 | Manufacturing Industries, N.E.C. (S-94; C-84).—Establishments primarily engaged in manufacturing miscellaneous fabricated products, including fire extinguishers; beauty shop and barber shop equipment; hair work; tobacco pipes and cigarette holders; coin-operated amusement machines; and many other articles, n.e.c. |

Appendix 2.—Explanatory Notes

CLASSIFICATION

The SIC

Data in this volume are classified within the framework of the Bureau of the Budget *Standard Industrial Classification* (SIC) of 1957. The purpose of the SIC is to provide a means for classifying establishments according to their primary activities, for the purpose of collection, tabulation, presentation and analyses of data relating to establishments.

The SIC identifies four-digit manufacturing industry codes in the following manner:

1. The first two digits identify the general type of activity,
e.g., The code 31 refers to the manufacture of "Leather and Leather Products"

2. The third digit identifies a subgroup within the general type of activity,
e.g., 314 represents "Footwear, Except Rubber"

3. The fourth digit identifies a specific industry within each subgroup,
e.g., 3141 "Footwear Except House Slippers and Rubber"
3142 "House Slippers"

In the *Annual Survey and Census of Manufactures*, each manufacturing establishment is assigned a four-digit code which reflects the primary activity of that establishment. Data collected in these surveys can then be tabulated at the 2-, 3-, or 4-digit levels of the SIC depending on the type of information to be shown. In this publication, table 1 of Section I and tables 1 and 2 of Section II show data at the two-digit level. Tables 2-5 of Section I and 3, 4, and 5 in Section II present data at the four-digit level of the SIC. In all these cases, the data shown represent totals for establishments classified with the same SIC code (i.e., the same first two digits or the same four digits).

Product Classes

To provide more detailed information on product shipments, the Census Bureau has added a fifth digit to the four-digit SIC code described above. Continuing the above example, within the four-digit industry classification "Shoes, except House Slippers and Rubber" (SIC 3141) the Census Bureau has developed a series of product classes such as:

31411 "Men's Dress Shoes"
31412 "Men's Work Shoes"
31413 "Youth's and Boy's Shoes"

The data in tables 6 and 7 of Section I and tables 6-8 of Section II are reported, with some modifications, on the basis of the five-digit product class codes. It is essential to note that the product class codes differ from the SIC, in that their purpose is not to classify establishments but rather to classify groups of products. The codes assigned to these product classes are based on the industries to which they are primary.

Data reported on a product-class basis reflect the total shipments of products (wherever made), rather than the characteristics of establishments that are primarily engaged in making those products.

Modification of Product Class Codes

In table 7 of Section I and table 6 of Section II certain modifications have been made in the product classes developed by the Census Bureau; in order to:

1. Adjust for changes in product class definitions since 1958, and
2. Adjust for the fact that similar products are produced in and are defined as primary to more than one industry.

The first type of adjustment was made in those cases where more detailed product classes have been established since 1958. In this publication, the data for the new product classes have been combined, in order to present comparable data since 1958 rather than for just 1965 and 1966. A five-digit code ending in "A," "B," or "C" identifies this type of combination.

The second type of adjustment was made in those cases where the same product class is primary to more than one industry. This combined total is shown in the four-digit product group in which the largest proportion of the total is produced. A five-digit code ending in "U, V, W, X, Y, or Z" identifies this type of combination. For the other product classes included, the original code is shown; a double dash (-) is shown in the data fields and the reader is referred to the appropriate combination.

As a result of the adjustment made for products being classified as primary to more than one industry, data are not shown for those four-digit product groups which include one or more of these product classes.

These two types of modifications have been carried out in order to present comparable data for all years, 1958 to 1966, and to show data, to the greatest degree possible, on a wherever made basis.

DEFINITIONS

General Statistics

The so-called general statistics refer to the basic statistical series on number of establishments, number of companies, employment, payroll, production workers, wages, man-hours, value added, value of shipments and capital expenditures, that are tabulated on the two-digit and four-digit SIC level in this publication. As mentioned above, these series are developed by aggregating data for establishments that engage primarily in the same types of activities. The following definitions of terms, used in reporting general statistics, apply to data shown in tables 1-5 of Section I and tables 1-5 of Section II.

NUMBER OF ESTABLISHMENTS: The total number of establishments that are classified with the same SIC code, be it at the two-, or four-digit level of the SIC.

NUMBER OF COMPANIES: The total number of companies with at least one establishment classified in a given SIC code (reported at the four-digit level only).

TOTAL EMPLOYMENT: All full-time and part-time employees on the payrolls of operating manufacturing establishments who worked or received pay for any part of the pay period ended nearest the 15th of selected months. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. All plant employees, including plant officials, are included except proprietors and partners of unincorporated firms.

Total employment generally consists of "production workers" of an average of four monthly figures for March, May, August, and November plus for "all other employees" the mid-March figure.

PRODUCTION WORKERS: All workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plants' own use (e.g., power plant) record keeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level are excluded from this category.

ALL OTHER EMPLOYEES: This figure can be derived by subtracting production workers from total employment. Nonproduction personnel of the manufacturing establishment, including those engaged in the following activities: Factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.); professional, and technical. Also included are employees on the payroll of the manufacturing establishment who are engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

PAYROLL: This total represents gross wages and salaries paid in the calendar year to all employees on the payroll of operating manufacturing establishments, following the definition of payrolls used for calculating the Federal withholding tax. Included are all forms of compensation, such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deduction as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of the Armed Forces and pensioners carried on the active payrolls of manufacturing establishments.

PRODUCTION WORKER MAN-HOURS: All plant man-hours of production workers as defined above, represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours). The total excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported.

WAGES: Gross earnings paid in the calendar year to all production workers on the payrolls of operating manufacturing establishments.

VALUE OF SHIPMENTS: Dollar amounts of the received or receivable net selling values, f.o.b. plant, after discounts and allowances, and excluding freight charges and excise taxes. However, where the products of an industry are customarily delivered by the manufacturing establishment (i.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered prices of the goods.

Value of production data rather than shipments are collected in several instances where value of shipments does not provide a good measure of activity, and where information regarding the value

of production is readily reportable. For certain large lead time products (e.g., aircraft) value of work done is substituted.

The value of shipments shown for a product class may differ from the value of production of that class because of inventory changes during the year. In addition, the shipments data do not reflect the output of products produced and used for further processing in the same plant.

Included in value of shipments are: All items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment; receipts for contract work; and receipts for such miscellaneous activities as sale of scrap and refuse, installation work by plant employees, research and development, and repair work. The net selling value of products made in one plant on a contract basis from materials owned by others was reported by the plant providing the materials. The value of products bought and re-sold without further processing (merchandising) was reported separately and is included in the value of shipments totals for each industry, but are not included in product class totals.

For multi-unit companies, the value of products transferred to other establishments of the same company (i.e., other manufacturing plants, separate sales branches, or retail stores) was tabulated as though each establishment were a separate economic unit. Included in "value of interplant transfers within the company" are not only the direct costs of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

VALUE ADDED: This measure is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments of products manufactured plus receipts for services rendered. The result of this calculation is then adjusted by the addition of value added by merchandising operations (that is the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process inventories between the beginning and end of the year.

"Value added" avoids the duplication in the "value of shipments" figure which results from the use of products of some establishments as materials by others. Consequently, it is useful for comparing the relative economic contribution of the manufacturing process among industries and geographic areas.

CAPITAL EXPENDITURES: For establishments in operation and establishments under construction but not yet in operation, these data include expenditures for (a) permanent additions and major alterations to manufacturing establishments, and (b) new machinery and equipment used for replacement purposes and additions to plant capacity,

if these are of the type for which depreciation accounts are ordinarily maintained.

These totals exclude that portion of expenditures for new facilities and equipment leased from non-manufacturing concerns, new facilities owned by the Federal Government but operated under contract by private companies, and plant and equipment furnished to the manufacturer by communities and organizations. Expenditures for used plant and equipment, expenditures for land, and costs of maintenance and repairs charged as current operating expense are also omitted.

Ratios

A number of ratios have been computed based on the general statistics on industries. The following definitions of ratios apply to table 1 in Section I and tables 1 and 4 in Section II:

VALUE ADDED AS PERCENT OF SHIPMENTS: Computed by dividing "value of shipments" into "value added." The resulting percentage shows the new production contribution of an industry to its value of shipments. The complement of that percentage (100.00 minus the percentage), which is not shown, would be an approximation of the importance of the cost of materials of the industry.

PAYROLL PER EMPLOYEE: Computed by dividing "total employment" into "payroll." The resulting dollar figure is a measure of the average annual payroll of employees in an industry. It should be noted that "payroll" is an actual record of the amount of money paid to employees in a given year, while "total employment" is an estimate based on four months' data for that year.

WAGES PER PRODUCTION WORKER: Computed by dividing "production workers" into "wages." It is a measure of the annual wages of wage earners in an industry. As in the case of "payroll per employee," it should be noted that the dollar figure, for "wages" is an actual record of amount paid, while "production workers" is estimated by averaging data for four months of the year.

VALUE OF SHIPMENTS PER PRODUCTION WORKER: Computed by dividing "production workers" into "value of shipments." It is important to note that the "value of shipments" may be affected by several factors, such as cost of materials and the importance of receipts and payments for contract work, which have little or no relationship to the number of production workers.

VALUE ADDED PER PRODUCTION WORKER: Computed by dividing "production workers" into "value added." Since there are fewer factors in "value added" than in "value of shipments" that are unrelated to the number of production workers, this measure permits better comparisons of average net contributions of the production process per production worker among industries, areas, and establishments. This ratio does not express

the contribution of each production worker to the manufacturing process exclusive of the contribution of the other factors of production but rather expresses a numerical measure of the relationship between the two parameters.

VALUE ADDED PER DOLLAR OF WAGES: Computed by dividing "wages" into "value added." The resulting ratio measures the relative importance of "wages" to net contribution of the whole manufacturing process to dollars of wages paid to the labor factor of production.

WAGES PER PRODUCTION WORKER MAN-HOUR: Computed by dividing "man-hours" into "wages." The resulting dollar figure is a rough measure of average hourly earnings. It is not a measure of the wage rate since "wages" includes premium payments for overtime as well as vacation and sick leave pay, bonuses, etc.

ANNUAL MAN-HOURS PER PRODUCTION WORKER: Computed by dividing "production workers" into "man-hours."

In table 2 of Section II, two ratios have been computed. The ratios relate average capital expenditures (1963-65) to averages for the two other parameters—value added and production workers. The *average annual* capital expenditures divided by *average annual* value added in the first ratio and divided by *average annual* production worker employment for 1963-65 in the second. Averages were used in calculating ratios because capital expenditures tend to be highly variable on an annual basis.

Product Class Statistics

Data are available on domestic shipments, imports and exports by five-digit product class. The following definitions of terms refer to product class data reported in tables 6 and 7 in Section I and tables 6-8 in Section II.

VALUE OF SHIPMENTS: On a "product" basis represents the total value of shipments of classes of products, wherever made. They include not only shipments of these products by the industry in which they are primary, but also shipments as secondary products, by establishments in other manufacturing industries.

Dollar amounts shown are the received or receivable net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. However, where the products are customarily delivered by the manufacturing establishment, (e.g., bakery products, fluid milk, and soft drinks), the value of shipments is based on the delivered price of goods. As mentioned in an earlier section, value of production is reported in several areas where value of shipments does not provide a good measure of activity.

There is a *very important* distinction between the industry and product value of shipments. This distinction is reflected at the four-digit level in industry tables (2 and 4 in Section I, 4 in Section II)

and in product class tables (6 in Section I, 6 in Section II). For example, 1966 values of shipments for "Ready-Mixed Concrete" (SIC 3273) are shown in table 4 of Section II as \$2,528 million while in table 6 of that same section shipments appear as \$2,166 million. The difference is accounted for by the fact that the industry shipments are based on total shipments of establishments classified in an industry and therefore include not only shipments of primary products of that industry, but also shipments of other products and other receipts from contract work resales, etc. The product shipments represent only shipments of primary products, including those made by establishments not in the industry to which the products are primary.

IMPORTS: The dollar value shown for imports is defined ordinarily as the market value in the foreign country and excludes U.S. import duties, transportation, insurance and similar costs. In some cases, imports may be valued at the "American Selling Price." In practice, only the values reported for imports subject to an ad valorem rate of duty (approximately 10 to 15% of U.S. imports) tend to conform to this definition. For other imports, the reported values may inadvertently include ocean freight or related costs.

EXPORTS: The dollar value of exports is defined at the point of exportation. Included are the selling price, or cost if not sold, and expenditures for freight, insurance, and other costs to the exportation point.

SOURCES AND LIMITATIONS OF DATA

Sources

The statistical data in this publication are derived directly or indirectly from various Bureau of the Census publications.

All tables, except Section II, tables 7, and 8 are derived from the *Censuses of Manufactures* for 1958 and 1963 the *Annual Surveys of Manufactures* for 1969-62 and 1964-66.

Imports and exports shown in tables 7 and 8 of Section II are taken directly from a Census Bureau publication titled, *U.S. Commodity Exports and Imports as Related to Output*.

Methods of Compilation

Most of the data were collected as part of the Census of Manufactures and *Annual Survey of Manufactures* programs. Data for 1958 and 1963, except foreign trade and input-output data, are based on reports covering all manufacturing establishments, and represent, therefore, the most accurate across-the-board information available on U.S. manufacturing activity. Data for 1959-62 and 1964-66 are estimates based upon reports received from a probability sample of all manufacturing estab-

lishments. The estimates obtained from the sample will vary from the totals that would have been obtained from a complete canvass of all manufacturing establishments. The relative magnitude of the sampling variation is indicated in the *Annual Survey of Manufactures* publications under the caption "standard error of estimate." These standard errors are not shown in this report. However, where the standard error of estimate is 15 percent or more, for industry data the figures are indicated as not available (n.a.) and in the case of product classes, an asterisk (*) preceding the data is used to identify years in which the standard error is 15 percent or more.

In using the time series on industries or product classes, it is important to note that both the data in any given year other than 1958 or 1963 as well as the year-to-year changes will be influenced in part by sampling variability.

Import and export data may be affected in some commodity areas by the fact that low valuation transactions are not included. Commodity information is not collected for individual import and export shipments valued under \$100 or for imports on informal entries. Informal entries, by definition, contain only items valued at not more than \$250. This does not seriously understate the published data.

Another problem with foreign trade data arises from the fact that in many cases the classification and valuation of products to be imported or exported is done basically by the importer, exporter, or designated representative. Inaccuracies, particularly with respect to export data, may occur through errors in classification.

Price Changes

In using time series based on dollar valuation, it should be remembered that none of the data have been adjusted for changes in prices. Therefore, the real growth in shipments for a given item during any period may be understated or overstated relative to other products or items.

Changes in Product Mix

Although the classification of industry and product statistics presented in this publication changed little during the period covered, there were some substantial shifts in the relative importance of products within industries or product classes. The characteristics of an industry may have changed substantially during the 1958-66 period as a result of such changes in the product mix. Related changes in types of processes or materials used may also significantly affect the meaningful comparison of an industry or product class over time. For analysis of changes in product mix, data on individual products are available on a continuing basis for many products from the *Current Industrial Reports*

series of the Bureau of the Census and for all products in years for which a complete *Census of Manufactures* is conducted.

Duplication in Shipments Data

The value of shipments data shown in this publication may contain extensive duplication, particularly at the two-digit SIC level. This occurs because the shipments of one four-digit industry (e.g., flour) become the "materials" of another four-digit industry (e.g., bakeries). At the two-digit SIC level the value of shipments of the flour is counted twice. This problem also occurs at the four-digit SIC and five-digit product class levels to a lesser extent. For example, when equipment and its component parts are classified as a unit, shipments of the parts by parts manufacturers to equipment manufacturers would be double-counted.

Growth Rankings

Tables 4, 6, and 7 of Section I present rankings of industries and product classes based on the growth in value of shipments between 1958 and 1966. These rankings should be used with caution for several reasons already mentioned, including sampling errors, price changes, etc. In addition, it should be noted that the rankings are not complete, because 1958 data were not available in some cases. For example, some of the rapidly growing plastics products are excluded from tables 6 and 7 in Section I for this reason.

Comparing Exports, Imports, and Shipments

Caution should be used in comparing product class shipments with imports and/or exports as reported in tables 6-8 of Section II. As was mentioned earlier, the methods of valuation used are substantially different. Shipments are valued at f.o.b. plant, exports at f.o.b. port of exportation, and imports at f.o.b. foreign port of exportation. Other reasons for using caution in comparing shipments, exports and imports include:

- a. Shipments as described above may include duplication that would overstate their value in relation to exports or imports.
- b. Shipments in some areas are classified in not-specified-by-kind classes which can therefore understate shipments in other areas.
- c. Shipments are subject to sampling variability in non-Census years and imports and particularly exports may be subject to error due to reporting procedures used.
- d. Used commodities are included in exports and imports thereby slightly overstating these data relative to shipments.



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